VISITOR PROFILE

METROPOLITAN TORONTO

ONTARIO TRAVEL SURVEY

Tourism
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Section

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ONTARIO TRAVEL SURVEY

1982

Tourism Research Section

ONTARIO MINISTRY OF TOURISM AND RECREATION

March, 1985

Ontario

Ministry of Tourism and Recreation

Province of Ontario
Queen's Park
Toronto, Canada
M7A 2R9

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FORWARD

The Ontario Ministry of Tourism and Recreation commissioned this study in order to determine the travel habits and characteristics of Ontario residents travelling within the province. Travel by non-residents of Ontario is excluded. This information will be of assistance for the preparation of both marketing and development programs for this Travel Association Area in addition to general economic planning.

Travel data for this regional profile cover the following: origin of travellers, length of stay, seasonality, purpose of trip, accommodation used, activity participation, distance travelled, mode of transportation, expenditures, and socio-economic characteristics.

This calendar year 1982 study, which was conducted by Canadian Facts, involved about 4,300 households each maintaining a travel diary for a two month period. Each qualifying trip taken by a member of the household was recorded in detail. Full details on survey methodology are contained in the Technical Appendix.

For any further queries in regards to the methodology employed or to this publication, please contact:

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HIGHLIGHTS

METRO TORONTO

(a) Visitation

There was a total of 14.038 million travellers to this Travel Association Area, or about 17 per cent of the total number of travellers in Ontario. Approximately 40 per cent originated in Festival Country and 23 per cent in Central Ontario.

Metro Toronto received about 20 per cent of all resident same day person-trips to the province, and about 12 per cent of all overnight person-visits.

About 75 per cent of travellers to this area stayed one day or less as compared with 64 per cent to the province as a whole. A smaller proportion of Metro visitors stayed overnight (25 per cent) compared with the province as a whole (36 per cent).

Both same day and overnight trips to the region tend to be fairly evenly distributed over the four seasons.

Visiting friends or relatives is the main trip purpose mentioned by a plurality of overnight visitors to this region (50 per cent). Recreation /pleasure is mentioned second most often (21 per cent).

Within the region, non-commercial accommodation is used for about 76 per cent of person-nights. Hotel or motor hotel is the most often used form of commercial accommodation (16 per cent).

Shopping is the activity mentioned most often for both same day and overnight trips. Metro Toronto has a lower incidence of outdoor or sporting activities and a higher incidence of cultural activities than most other regions.

Compared to the province at large, Metro Toronto receives proportionately more of its overnight trips from distances of less than 100 miles or more than 200 miles.

(b) Expenditure

A total expenditure of $881.5 million was made in this area, or about 22 per cent of the total expenditure within Ontario. Residents of Metro Toronto generate the largest expenditure ($544.2 million) in the region.

The average expenditure made in Metro Toronto ($62.79) is well above the average expenditure for the province in general ($48.18).

The largest expenditure category in this area was $392.8 million on public transportation (Canadian carriers) or about 45 per cent of the total amount spent in the region.

(c) Socioeconomic Characteristics of Overnight Travellers

The distribution of overnight visitors across age groups in the region is almost identical to that found for the province as a whole. About one-third of travellers are under 25 years, about one-third are between 25 and 44 years and another third are 45 years or over.

About 46 per cent of overnight visitors to the region have attained post-secondary education, which is a slightly higher proportion than for the province in general.

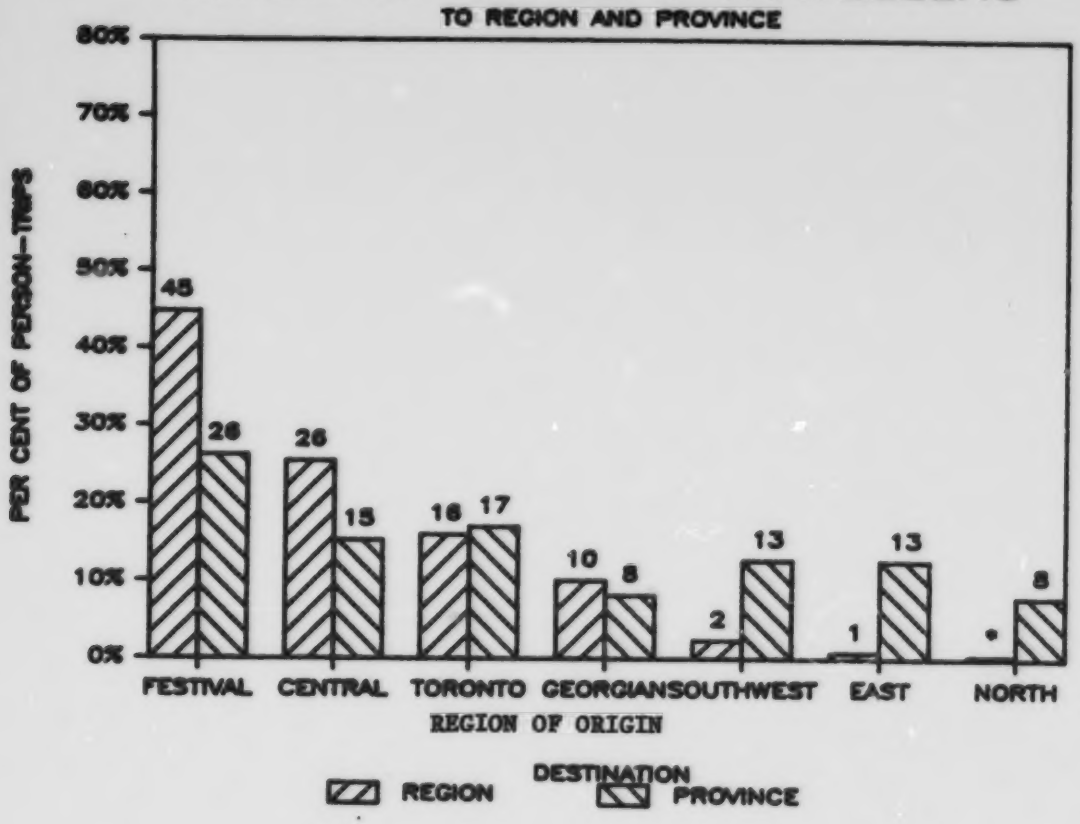
Two-thirds of overnight visitors to the region come from households where the chief age earner is a professional/business person or a skilled labourer.

Metro Toronto receives fewer overnight visitors from the mid and upper income groupings and more from the lower income group than does the province in total.

DETAILED FINDINGS

ORIGIN OF SAMEDAY TRAVELLERS

TO REGION AND PROVINCE



* Less than 0.5%.

TRIP CHARACTERISTICS

(i) Same Day Travel By Origin Region

Origin	Destination: Region #	Region %	Province #	Province %
Festival Country	4,700	44.8	14,035	26.3
Central Ontario	2,677	25.5	8,162	15.3
Metro Toronto	1,677	16.0	9,082	17.0
Georgian Lakelands	1,055	10.1	4,375	8.2
Southwestern	250	2.4	6,797	12.7
Ontario East	82	0.8	6,742	12.6
Ontario North	46	0.4	4,230	7.9
Total (Base: Person-Trips ('000)(1)	10,487	100.0	53,423	100.0
Average Party Size Per Trip:	1.84		1.88	

A total of 10.487 million same day person-trips were taken in the Metro Toronto region. This represents nearly 20 per cent of all same day person-trips taken within Ontario.(2) This is the second largest share of the same day market, exceeded only by Festival Country.

Two regions together account for about 70 per cent of the same day person-trips taken in the Metro region. These regions are Festival Country (45 per cent) and Central Ontario (25 per cent), both densely populated regions adjacent to Metro Toronto.

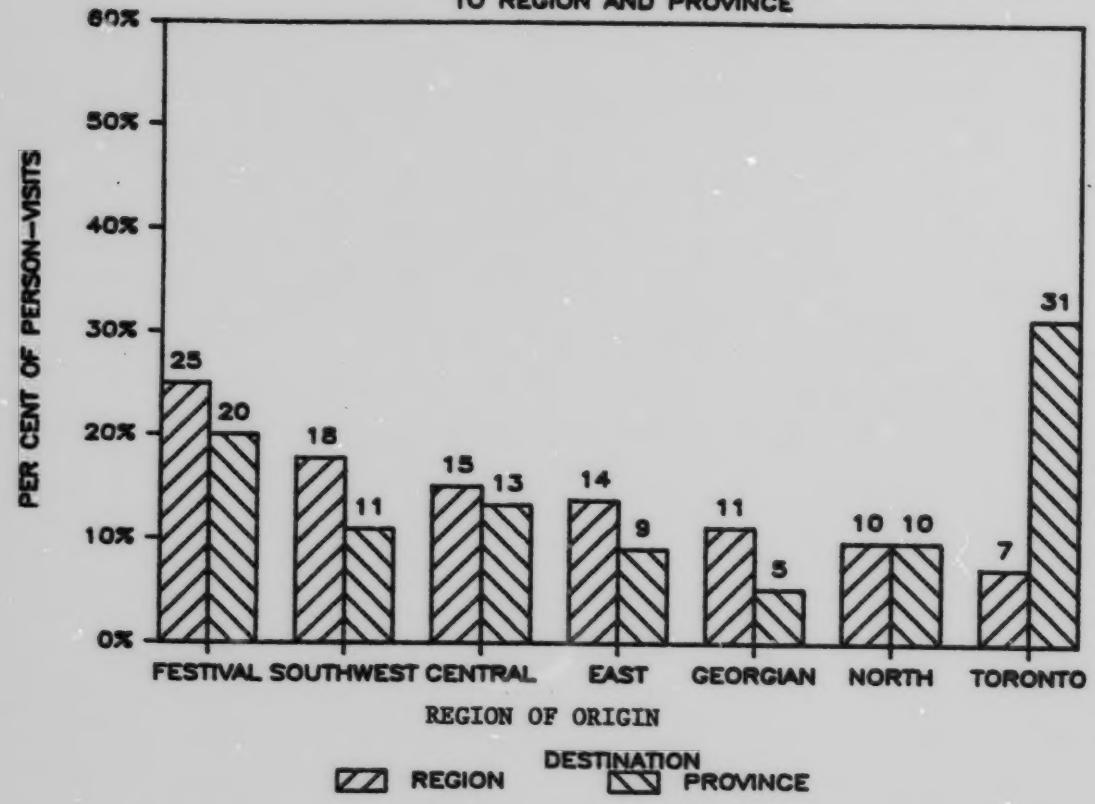
The average party size for same day trips to Metro Toronto is 1.84 persons per trip. This is comparable to the provincial average.

(1) See Appendix III for definition.

(2) See Appendix Table II-A for total of same day person-trips for all destination regions.

ORIGIN OF OVERNIGHT TRAVELLERS

TO REGION AND PROVINCE



(ii) One Or More Nights Travel By Origin Region

Origin	Destination			
	Region		Province	
	#	%	#	%
Festival Country	887	25.0	6,187	20.1
Southwestern	634	17.8	3,380	11.0
Central Ontario	536	15.1	4,095	13.3
Ontario East	491	13.8	2,803	9.1
Georgian Lakelands	397	11.2	1,638	5.3
Ontario North	347	9.8	3,008	9.8
Metro Toronto	259	7.3	9,653	31.4
Total (Base: Person-Visits ('000)(1)	3,551	100.0	30,764	100.0
Average Party Size Per Trip:	1.61		1.84	

Metro Toronto was the destination for 3.551 million person-visits, which account for 12 per cent of all overnight person-visits within the province.(2) This region ranks fifth in the number of overnight person-visits received despite the geographically small area it represents.

The major source of overnight visitors to the region is the neighbouring Festival Country (25 percent). Residents of all regions other than Ontario North and Metro Toronto are overrepresented amongst overnight visitors to Metro Toronto in relation to the total province. For all other destination regions, the normal pattern is towards underrepresentation of overnight visitors originating in outlying regions.

Although 31 per cent of overnight person-visits in the province as a whole originate in Metro, only 7 per cent of overnight visitors to Metro come from the region itself. This is a function of the arbitrarily small geographic area covered by the Metro Toronto region which basically precludes overnight trips, and by the distance qualification required for the survey that trips be at least 25 miles one-way from home.

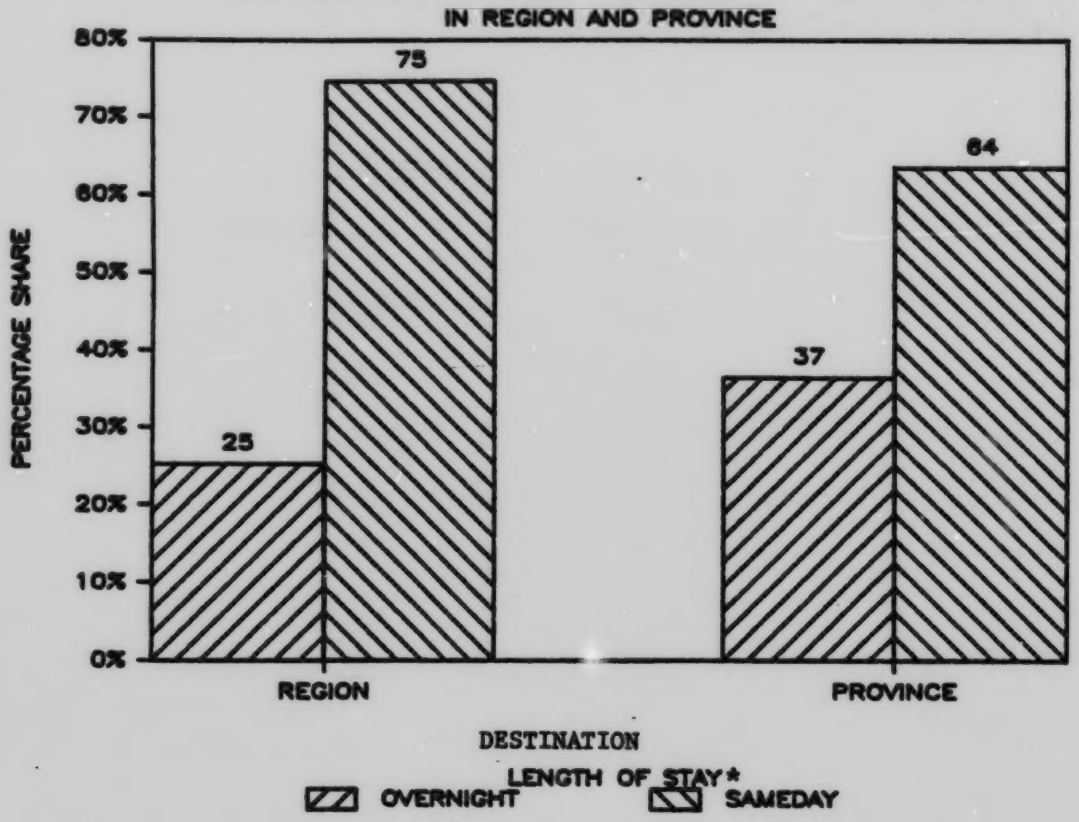
The average party size on overnight trips to Metro Toronto (1.61) is smaller than the typical provincial party size (1.84).

(1) See Appendix III for definition.

(2) See Appendix Table II-A for total of overnight person-visits for all destination regions.

TRAVELLERS BY LENGTH OF STAY

IN REGION AND PROVINCE



* Overnight is reported in person-visits, while same day is in person-trips.

(iii) Length Of Stay

Length of Stay	Destination			
	Region		Province	
	#	%	#	%
Same Day (1)	10,487	74.7	53,423	63.5
One or More Nights (2)	3,551	25.3	30,764	36.5
Total	14,038	100.0	84,187	100.0

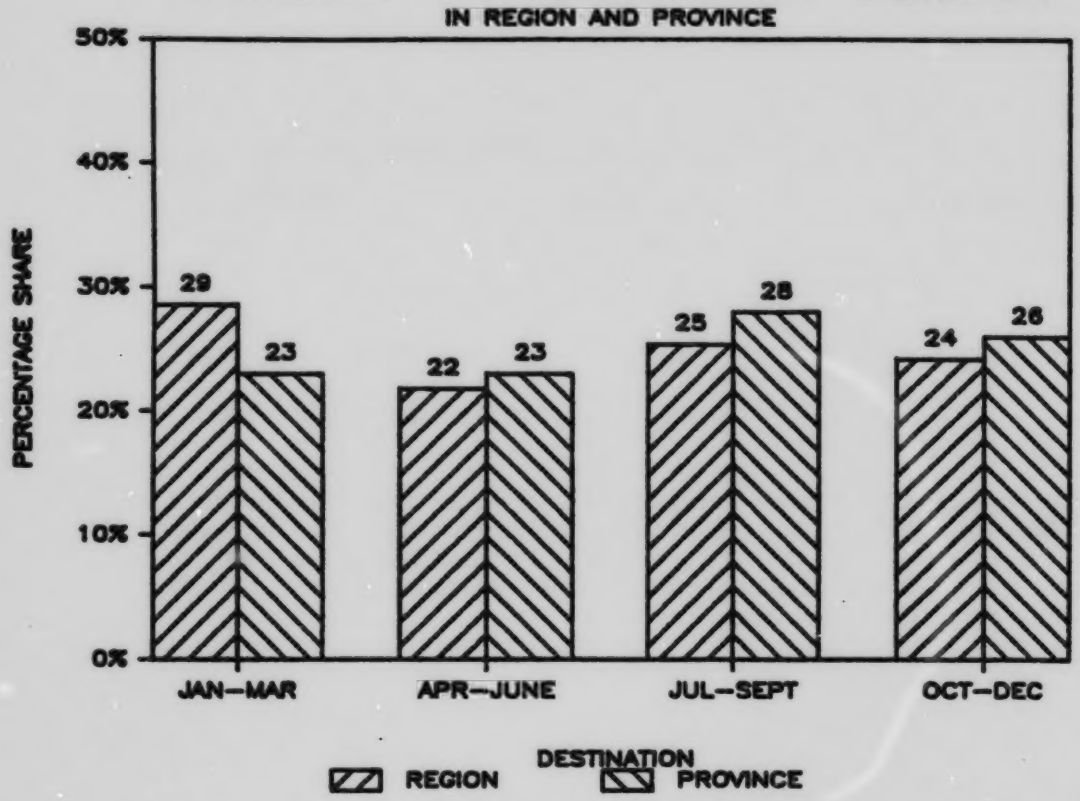
Three quarters of person-trips to Metro Toronto are same day and one quarter of person-visits are overnight. The region receives proportionately more same day and fewer overnight visitors than the province as a whole. This is likely a function of the very large population based within a short distance of the Metro region which lends itself to same day travel.

(1) Pertains to Person-Trips ('000).

(2) Pertains to Person-Visits ('000).

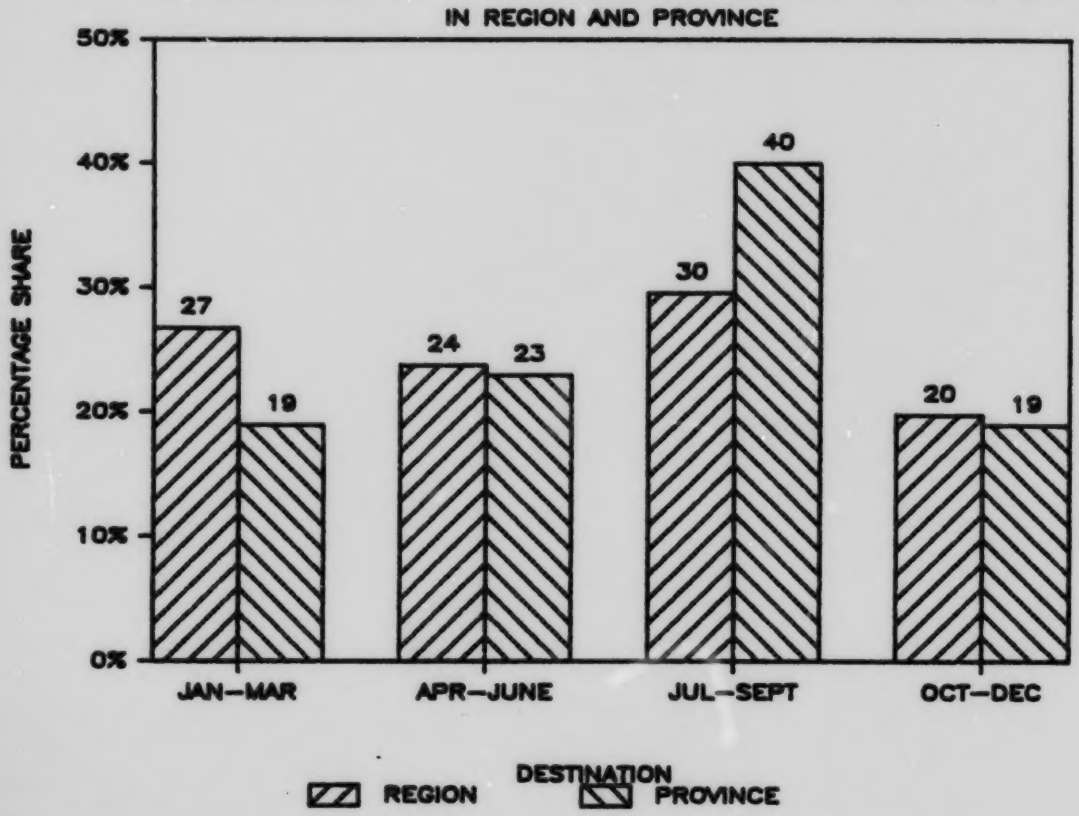
SAMEDAY* TRAVELLERS BY SEASON

IN REGION AND PROVINCE



OVERNIGHT* TRAVELLERS BY SEASON

IN REGION AND PROVINCE



* Overnight is reported in person-visits, and same day in person-trips.

(iv) Seasonality By Length Of Stay

Season	Same Day (1)	One or More Nights (2)
	%	%
Jan./Feb./Mar.	28.6	26.8
Apr./May/June	21.8	23.8
July/Aug./Sept.	25.4	29.6
Oct./Nov./Dec.	24.2	19.8
Total	100.0	100.0
Base: ('000)	10,487	3,551

The distribution of same day person-trips to Metro Toronto is fairly even throughout the year. This is different from the rest of the province where slightly more same day person-trips are found in the spring and summer quarters.(3)

By the same token, Metro does not experience the extreme concentration of overnight visitation in the summer quarter that is found in the province as a whole. Again, trips to the region are fairly evenly distributed with a slight concentration in the first and third quarters.

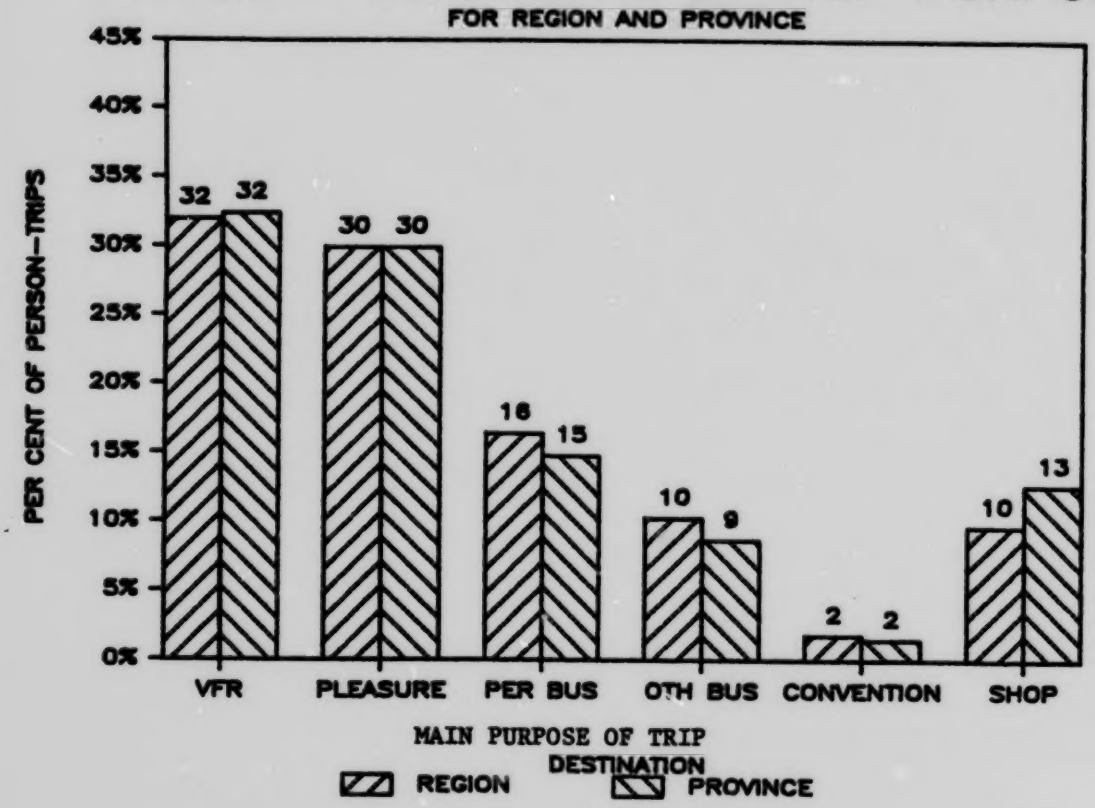
(1) Pertains to Person-Trips to the region.

(2) Pertains to Person-Visits to the region.

(3) See Appendix Table II-B for seasonality of travel in Ontario in general.

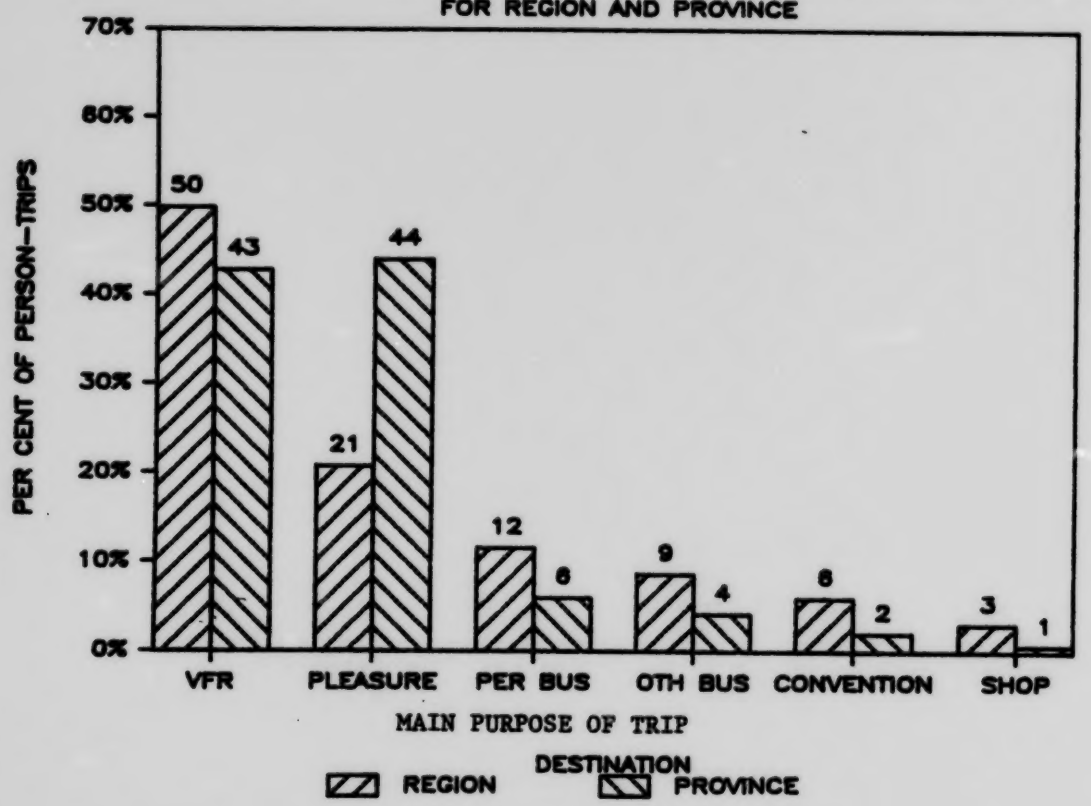
SAMEDAY TRAVELLERS BY TRIP PURPOSE

FOR REGION AND PROVINCE



OVERNIGHT TRAVELLERS BY TRIP PURPOSE

FOR REGION AND PROVINCE



(v) Trip Purpose By Length of Stay

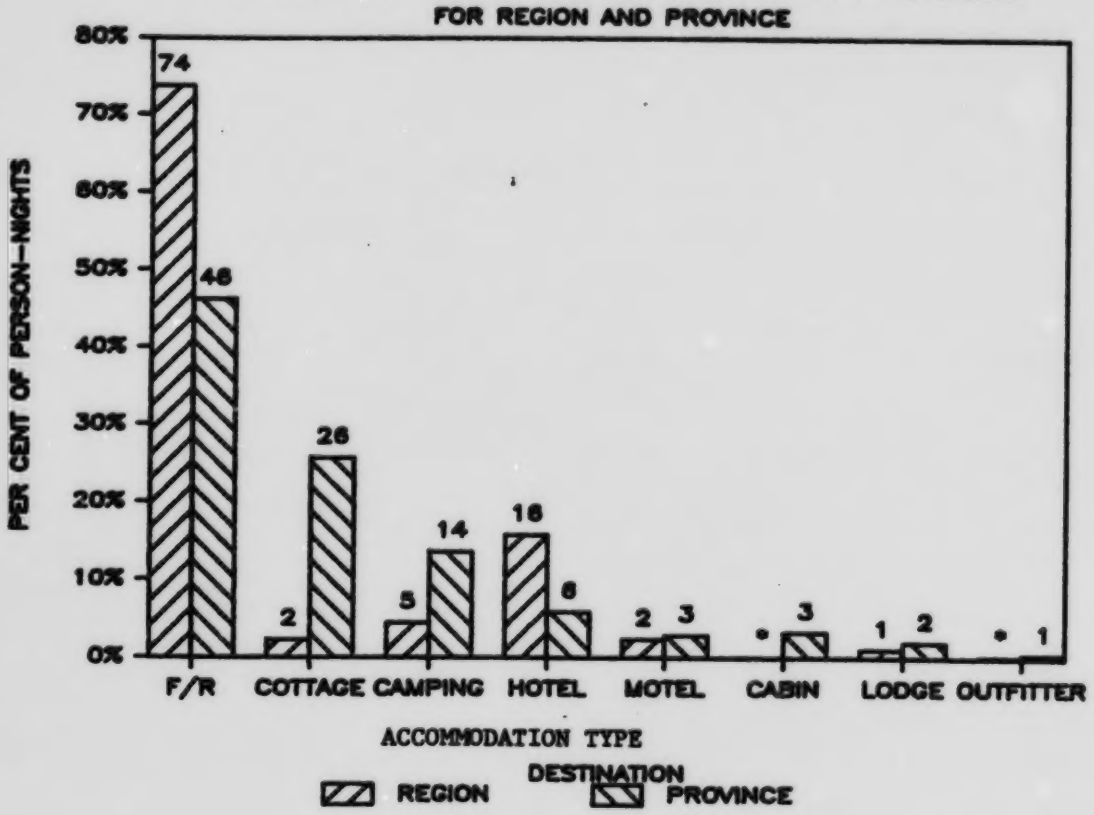
Main Purpose	Destination: Region — Same Day %	Region — One or More Nights %	Province — Same Day %	Province — One or More Nights %
Visiting Friends/ Relatives	32.0	49.9	32.4	42.9
	61.9	70.7	62.3	87.0
Recreation/ Pleasure	29.9	20.8	29.9	44.1
Personal Business	16.4	11.6	14.8	6.0
Other Business	10.3	8.7	8.7	4.2
Attending Convention	1.8	6.0	1.5	2.1
Shopping	9.7	3.1	12.7	0.7
Total	100.0	100.0	100.0	100.0
Base: Person-Trips('000)	10,487	3,203	53,423	28,537

Person-trips for the purpose of visiting friends or relatives and recreation/pleasure make up the majority of both same day (62 per cent) and overnight (71 per cent) trips to Metro Toronto. The distribution of person-trips across purpose for same day trips is almost identical to the distribution of trip purposes for the province.

Regional overnight trips, however, are somewhat different from the provincial distribution. Fewer overnight trips are reported to be for the purpose of recreation/pleasure, while more overnight trips are reported for the purpose of visiting friends/relatives, personal and other business, conventions and shopping.

TYPE OF ACCOMMODATION USED

FOR REGION AND PROVINCE



* Less than 0.5%.

(vi) Accommodation

Accommodation	Destination			
	Region		Province	
	#	%	#	%
Friends/Relatives	5,735	73.8	38,283	46.2
Private Cottage	176	2.3	21,282	25.7
Camping/Trailer Park	348	4.5	11,253	13.6
Hotel/Motor Hotel	1,230	15.8	4,886	5.9
Motel	187	2.4	2,370	2.9
Commerical Cottage/ Cabin	-	-	2,761	3.3
Resort Lodge	84	1.1	1,669	2.0
Outfitter/Outpost	14	0.2	439	0.5
Total (Base: Person-Nights ('000))	7,774	100.0	82,943	100.0

Almost three-quarters of person-nights spent in the Metro Toronto region are spent at friends' or relatives' homes. This is much higher than the incidence found in the province as a whole (46 per cent).

Commercial accommodation is used in the case of 24 per cent of person-nights. Hotel/motor hotel is the form of commercial accommodation cited most often. At 16 percent of total person-nights spent, hotel/motor hotel represents a disproportionately large number of person-nights compared to its representation in the other regions of the province.

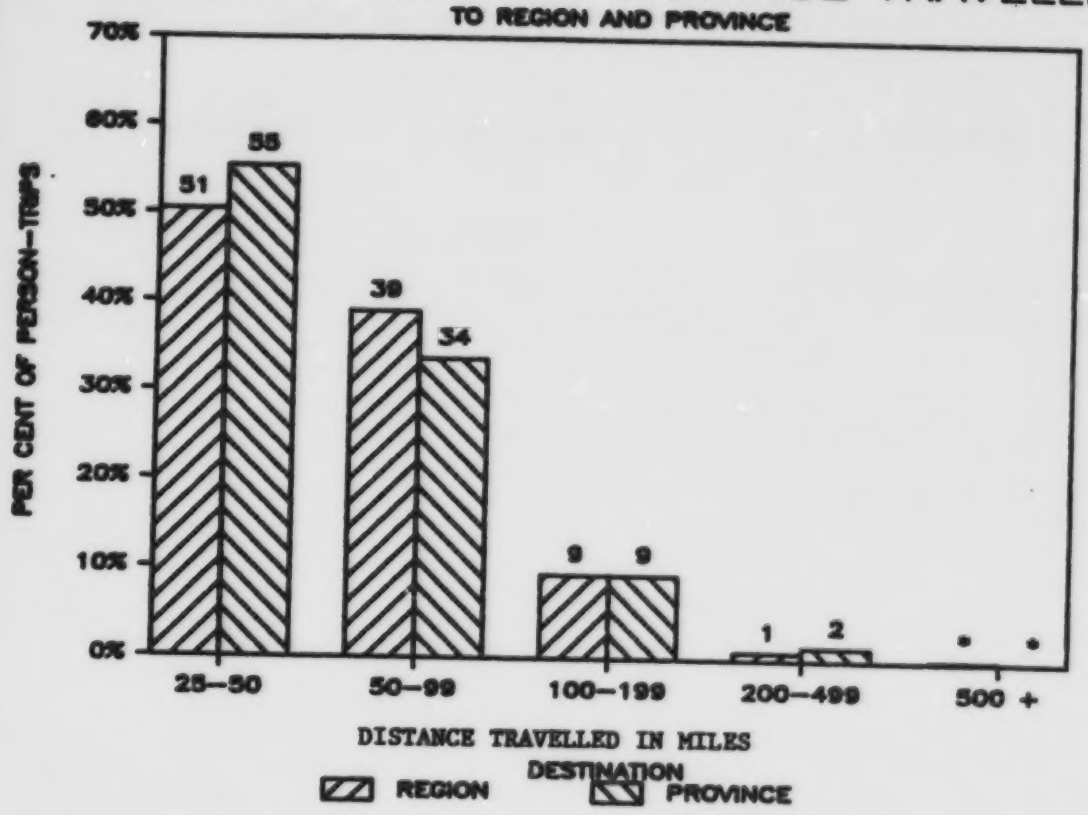
(vii) Activities Participated In At Main Destination By Length Of Stay

Activities	Same Day	One or More Nights
	%	%
Went Shopping	25.5	46.4
Participated In Outdoor Or Sporting Activity	7.5	10.2
Attended ...		
Sporting Events	4.4	6.1
Live Theatre, Dance or Music Concert	7.1	14.7
Visited ...		
Museums, Galleries	1.9	5.6
Historical Site	1.3	4.1
Exhibitions, Fairs, Special Events	9.7	13.5
Attractions, Zoos, Amusement Parks	5.7	8.2
Went on Boat or Rail Tours	0.7	0.9
Other Activities	49.6	46.3
Total(1)	113.4	156.0
Base: Person-Trips('000)	10,487	3,203
Average No. of Activities per Person-Trip:	1.13	1.56

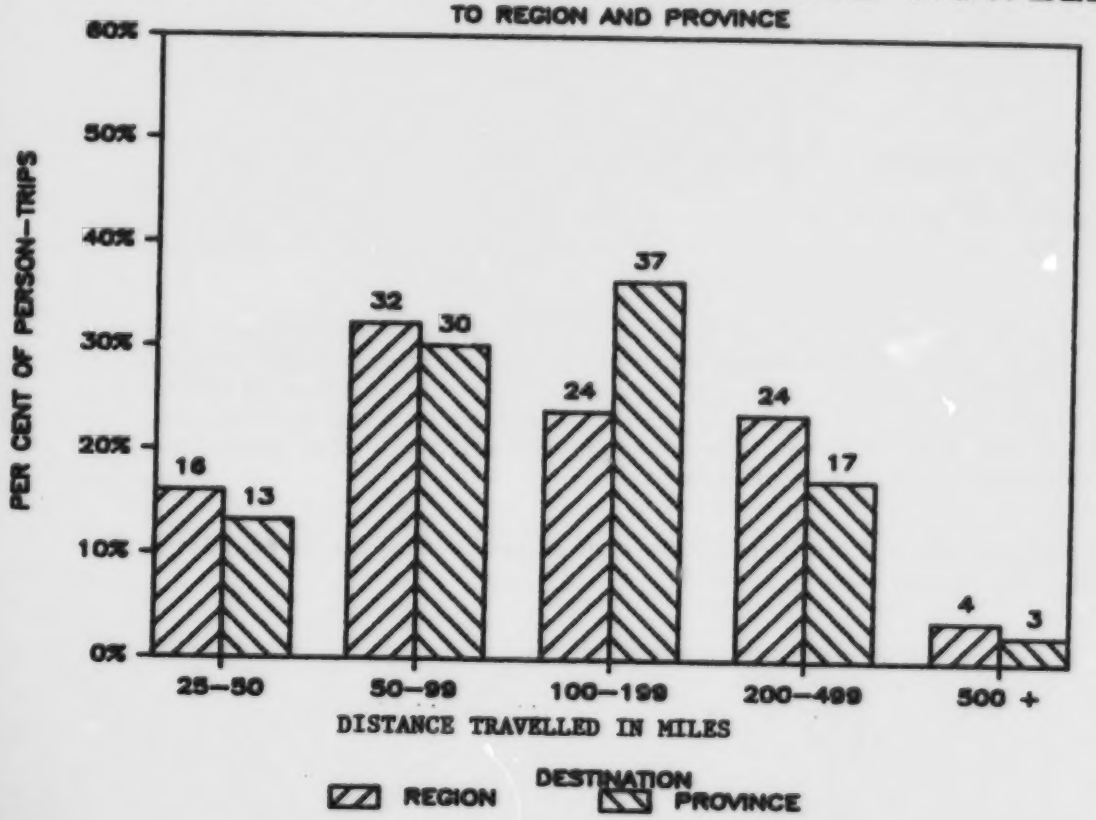
Shopping is the activity mentioned most often for both same day (26 per cent) and overnight (46 per cent) person-trips. Most of the activities measured tend to have a greater proportion of overnight trips associated with them than same day trips. Metro Toronto has a lower incidence of outdoor/sporting activity than most other regions and a higher incidence of cultural activities. This is what one might expect from a basically urban region.

(1) Percentages add to more than 100 per cent as person-trips can be associated with multiple activities.

SAMEDAY VISITS BY DISTANCE TRAVELLED



OVERNIGHT VISITS BY DISTANCE TRAVELLED



* Less than 0.5%

(viii) Distance Travelled To Main Destination

Distance	Destination: Region — Same Day %	Region — One or More Nights %	Province — Same Day %	Province — One or More Nights %
25-49mi/40-79km	50.5	16.1	55.4	13.3
50-99mi/80-159km	39.0	32.3	33.7	30.2
	89.5	48.4	89.1	43.5
100-199mi/160-320km	9.4	23.9	9.4	36.5
200-499mi/321-804km	0.9	23.7	1.5	17.4
500mi/805km and over	0.2	3.9	*	2.6
		27.6		20.0
Total	100.0	100.0	100.0	100.0
Base: Person-Trips ('000)	10,487	3,203	53,423	28,537

Consistent with the time restrictions inherent in a same day trip, almost all same day trips are within 100 miles from home. This is true for both same day trips to the region (90 per cent) and within the province in general (89 per cent).

Metro receives a slightly larger proportion of its overnight trips from within a distance of one hundred miles than does the province as a whole. At the same time, Metro receives slightly more trips from a distance of 200 to 500 miles (28 per cent) than does the province in total (20 per cent).

* Less than .05%.

(ix) Mode Of Transportation By Length of Stay

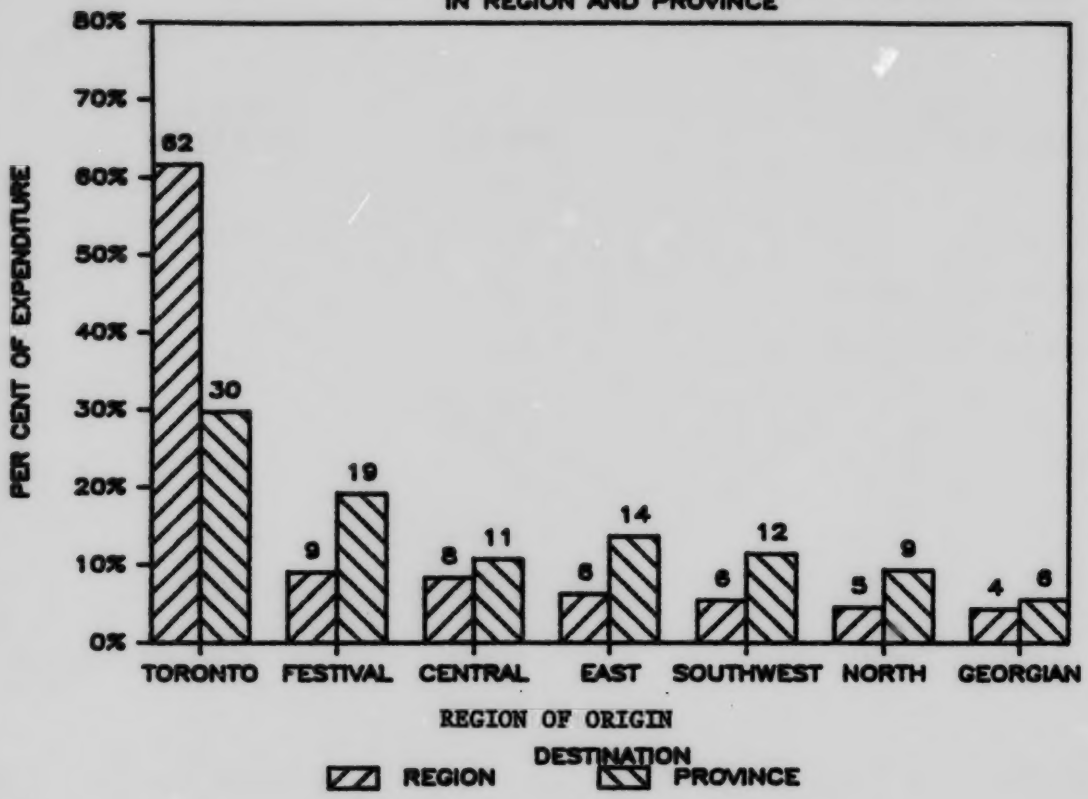
Mode	Same Day	One or More Nights
	%	%
Automobile/Van	94.4	82.9
Bus (Scheduled/Chartered)	4.0	7.9
Air (Scheduled/Chartered)	0.4	2.4
Train	1.2	6.5
Ship/Boat	*	0.3
Other	0.0	0.1
Total	100.0	100.0
Base: Person-Trips ('000)	10,487	3,203

The dominant mode of travel, regardless of length of stay, is the automobile. The incidence of other modes is higher for overnight trips, particularly in the case of the train.

* Less than .05%.

TOTAL EXPENDITURE BY ORIGIN

IN REGION AND PROVINCE



TRIP EXPENDITURES

(i) Expenditure By Origin Region

Origin	Expenditure (Millions of Current $) Destination: Region $	Region %	Province $	Province %
Metro Toronto	544.2	61.7	1,208.2	29.8
Festival Country	80.2	9.1	779.3	19.2
Central Ontario	73.7	8.4	437.1	10.8
Ontario East	55.3	6.3	554.0	13.7
Southwestern	48.9	5.5	468.6	11.5
Ontario North	40.2	4.6	380.3	9.4
Georgian Lakelands	39.0	4.4	228.3	5.6
Total	881.5	100.0	4,055.8	100.0

Metro Toronto receives 22 per cent of total tourism revenue generated within the province or $881.5 million. This is the largest share of tourism expenditure in the province, despite its relatively small geographic area(1).

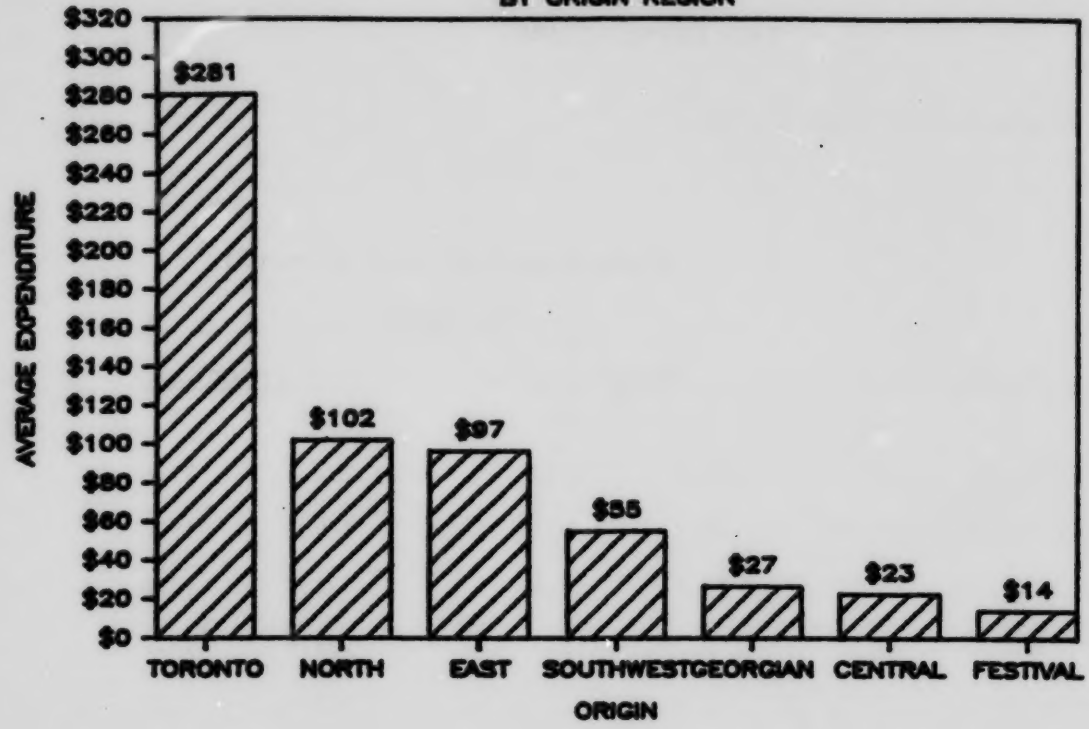
Residents of Metro Toronto overwhelmingly generate the largest share of tourism expenditure in the region (62 per cent) at $544.2 million. This pattern is consistent with that found throughout the province's other regions. Lagging far behind is the next largest generator of tourism revenue to the region, Festival Country at $80.2 million.

Metro Toronto receives 45 per cent of the total tourism expenditures made by the region's own residents in Ontario.

(1) See Appendix Table II-C for total expenditure by origin and destination regions.

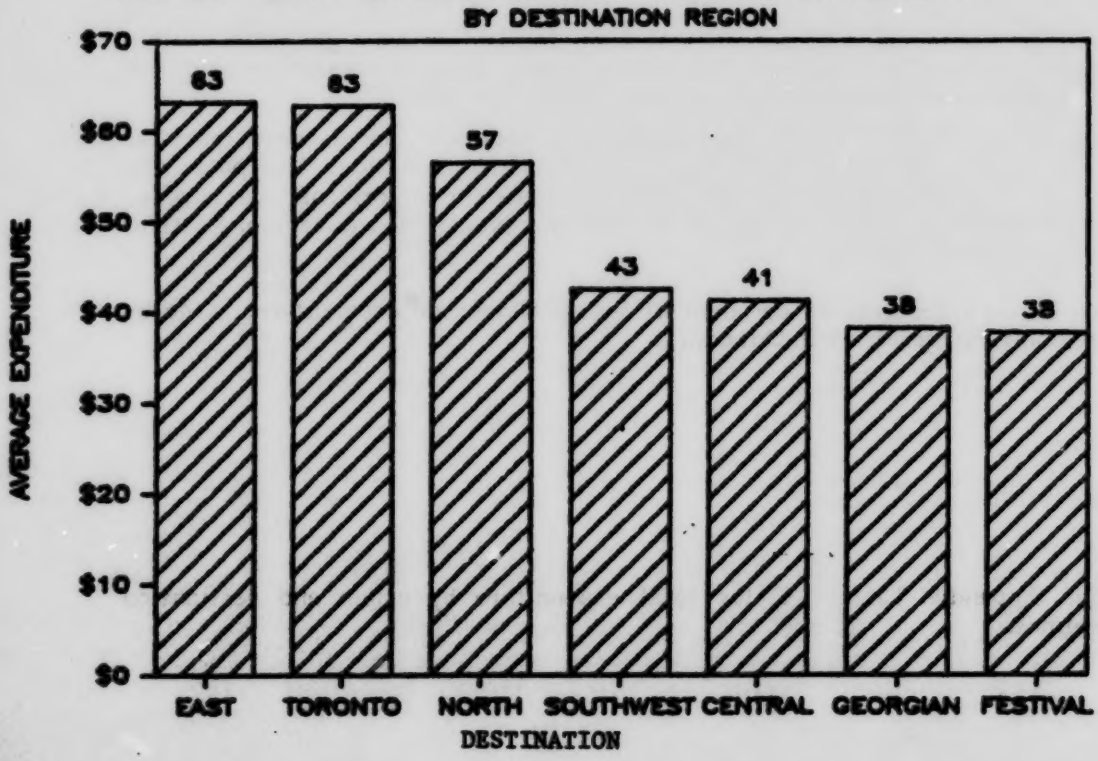
AVG. EXPENDITURE PER PERSON

BY ORIGIN REGION



AVG. EXPENDITURE PER PERSON

BY DESTINATION REGION



(ii) Average Expenditure by Origin and Destination Region

Average Expenditure Per Traveller Per Trip[1]

(Current $)

Origin of Travellers In Region		Destination Region	
	$		$
Metro Toronto	281.10	Ontario East	63.28
Ontario North	102.29	Metro Toronto	62.79
Ontario East	96.51	Ontario North	56.50
Southwestern	55.32	Southwestern	42.53
Georgian Lakelands	26.86	Central Ontario	41.26
Central Ontario	22.94	Georgian Lakelands	38.23
Festival Country	14.35	Festival Country	37.76
Regional Average	62.79	Provincial Average	48.18

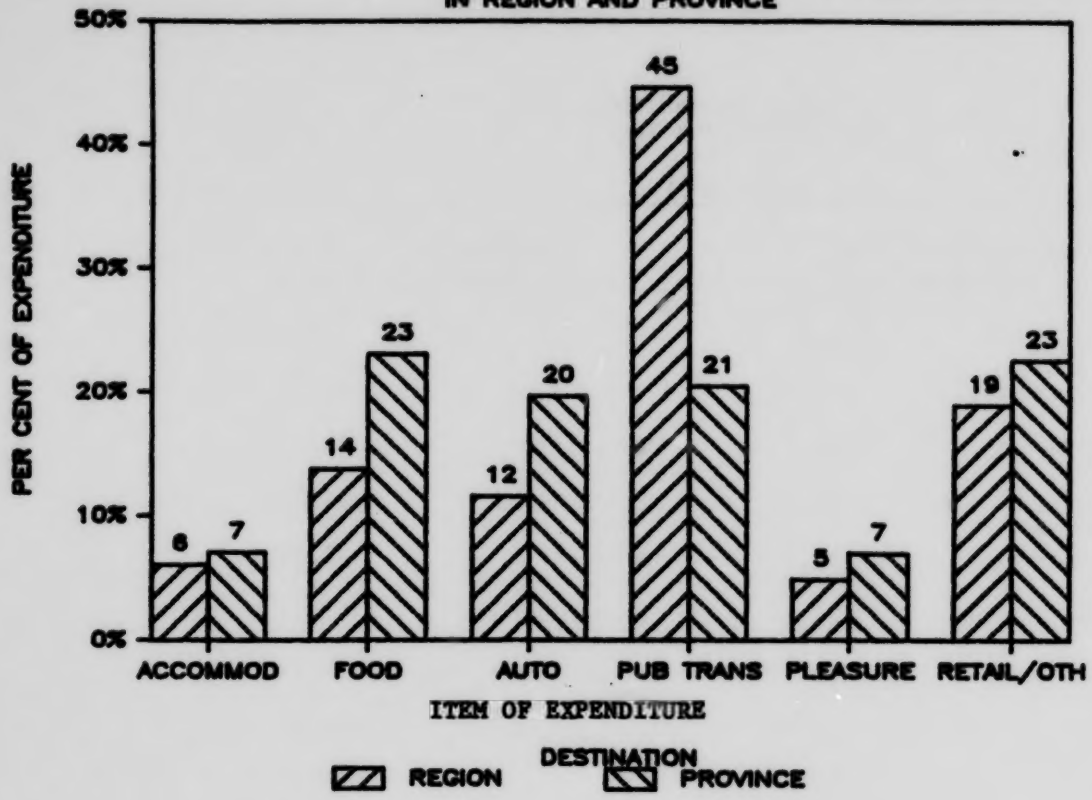
As a destination region, Metro Toronto ranks second in terms of average expenditure made within the region ($62.79). This above average expenditure for the region is probably a function of the much higher expenditure by Metro Toronto residents on public transportation fares for trips originating in this region. Another factor contributing to this higher average could be the higher incidence of hotel/motor hotel accommodation used and of trips taken for convention purposes in this region.

The highest average expenditure in Metro Toronto is generated by Metro Toronto residents ($281.10) and is due, as previously mentioned above, to the much higher incidence of expenditure on public transportation fares. Residents of Ontario North and Ontario East also generate average expenditures in Metro Toronto which are well above normal. These higher average expenditures may be a function of the longer travel distances between these regions and Metro Toronto, resulting in a tendency towards a longer length of stay in the main destination region.

(1) Any length of stay.

ITEMIZED EXPENDITURE

IN REGION AND PROVINCE



(iii) Itemized Expenditure

Expenditure (Millions of Current $)

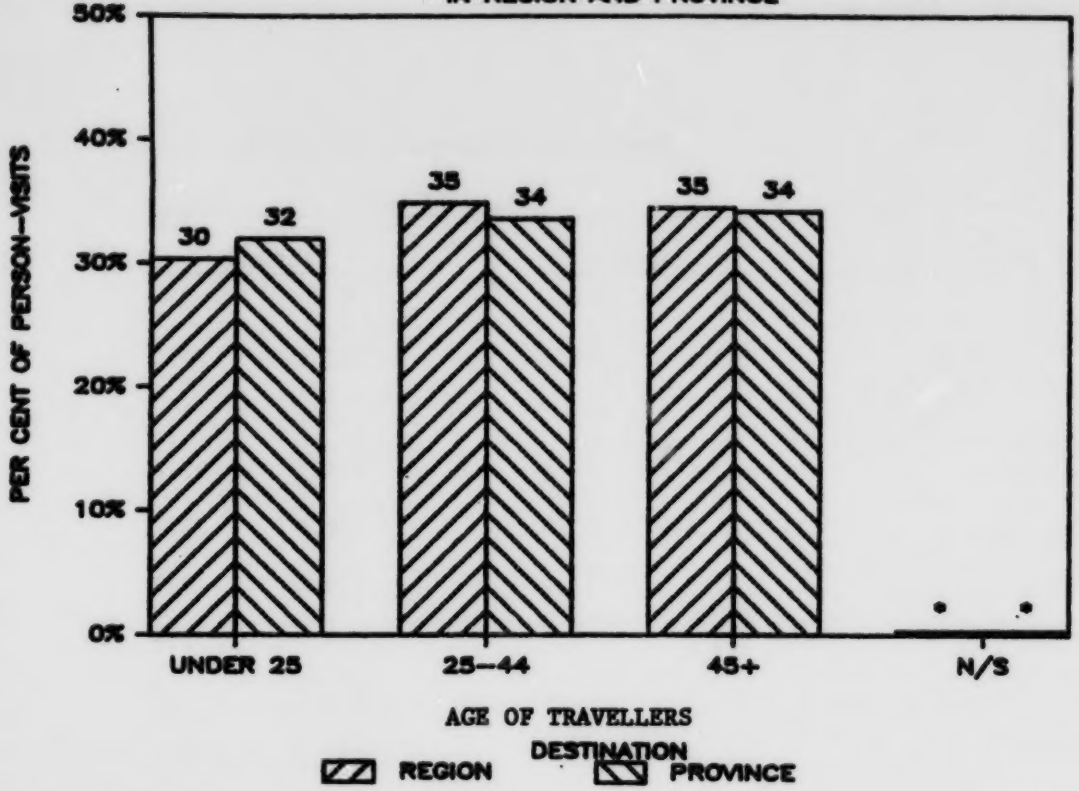
Item	Destination: Region $	Region %	Province $	Province %
Public Transportation (Canadian Carriers)	392.8	44.6	832.6	20.5
Retail/Other Miscellaneous	167.8	19.0	915.7	22.6
Food/Beverage	121.6	13.8	934.5	23.1
Automobile	102.3	11.6	798.6	19.7
Accommodation	53.9	6.1	289.3	7.1
Recreation/Pleasure	43.1	4.9	285.1	7.0
Total	881.5	100.0	4,055.8	100.0

The major expenditure category for the Metro Toronto region is public transportation (45 per cent) at more than twice the provincial average (21 per cent). The reason for the concentration of expenditure in this category can be attributed to the presence of the international airport and other major public transportation services and to Metro residents' higher propensity to travel via these modes. All fare expenditures made in Metro for flights on Canadian carriers are accrued as a tourism expenditure to the Metro Toronto region regardless of the flight destination (i.e. domestic or foreign destination). This explains the very large tourism expenditure attributed to Metro residents despite the relatively small number of resident trips destined for the Metro region. A similar phenomenon occurs for Canadian carrier bus and train travel.

Food/beverage and automobile are of significantly less importance to the region than to the province in total.

AGE OF OVERNIGHT TRAVELLERS

IN REGION AND PROVINCE



* Less than 0.5%.

SOCIO-ECONOMIC CHARACTERISTICS OF OVERNIGHT TRAVELLERS

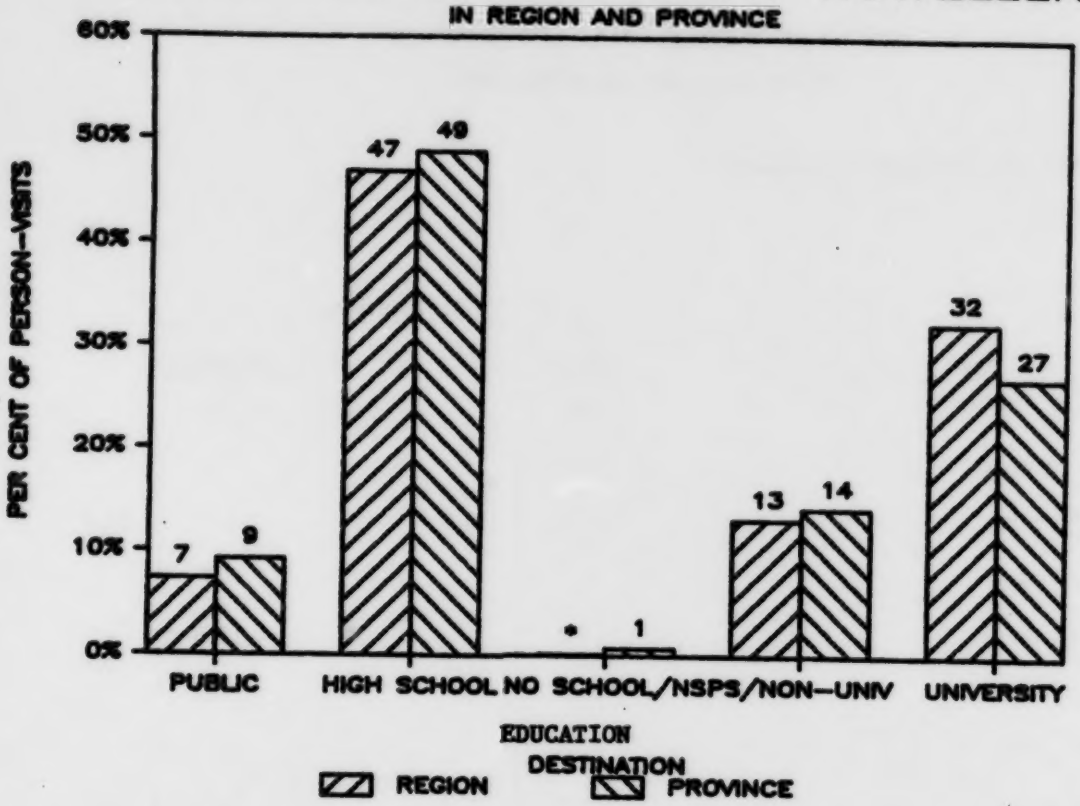
(i) Age Of Overnight Travellers

Age	Destination			
	Region		Province	
	%		%	
Under 15 years	13.3		17.2	
15 - 19 years	5.0	30.4	6.1	32.0
20 - 24 years	12.1		8.7	
25 - 34 years	18.9		18.9	
35 - 44 years	16.0	34.9	14.7	33.6
45 - 54 years	11.8		13.5	
55 - 64 years	12.7	34.5	12.3	34.2
65 Years and Over	10.0		8.4	
Did Not State	0.3		0.3	
Total	100.0		100.0	
Base: Person-Visits ('000)	3,551		30,764	

Any grouping of travellers by age is, to a large extent, an arbitrary one. Looking at the distribution of travellers by age, however, we find that the numbers lend themselves to division into approximately thirds. About one-third of Metro Toronto overnight travellers are under 25 years, about one-third between 25 and 44 years, and another third are 45 years and over. The distribution of visitors across age groups in the region is almost identical to that found for the province as a whole.

EDUCATION OF OVERNIGHT TRAVELLERS

IN REGION AND PROVINCE



* Less than 0.5%.

(ii) Education Level of Overnight Travellers

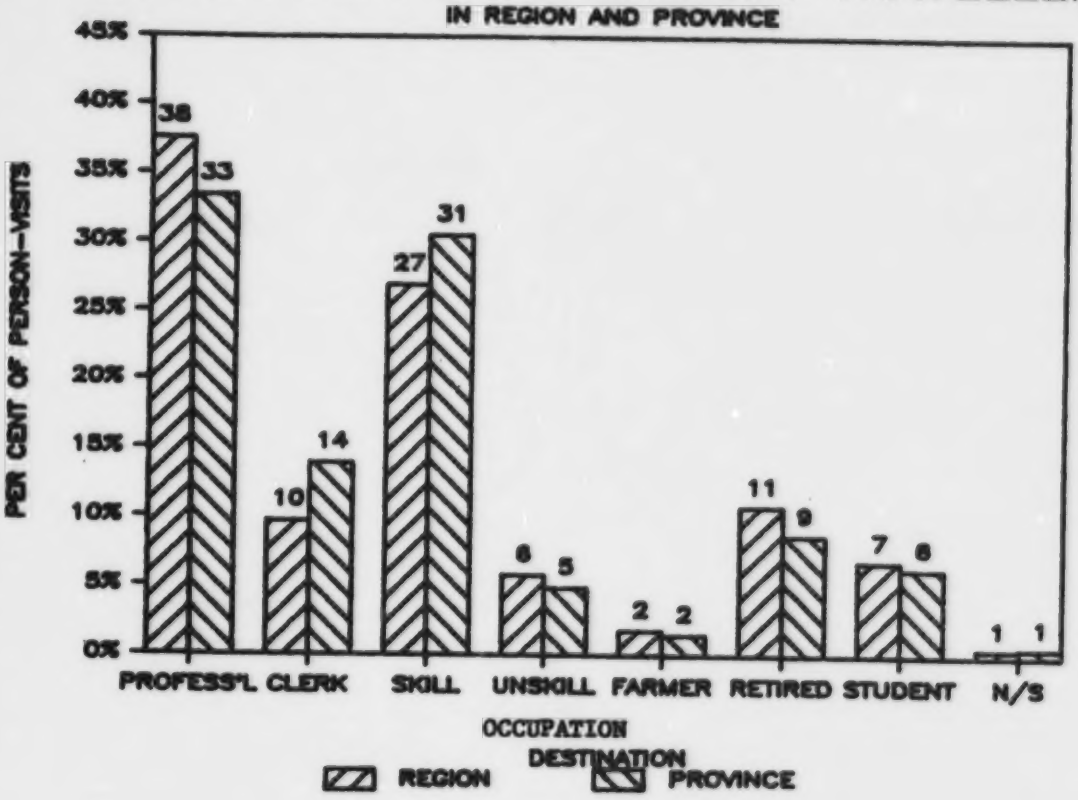
Education(1)	Destination			
	Region %		Province %	
Public/Elementary	7.4		9.3	
Secondary/High School	46.9		48.8	
Post-Secondary (Non-university)	13.2	45.5	14.3	41.3
University	32.3		27.0	
No Formal Schooling	-		0.1	
Did Not State	0.1		0.6	
Total	100.0		100.0	
Base: Person-Visits ('000)	3,079		25,475	

Almost one-half (46 per cent) of overnight visitors (15 years old or over) to the Metro Toronto region have completed post-secondary schooling. This is a somewhat higher proportion than the overnight traveller to the province in general (41 per cent).

(1) Pertains to travellers 15 years of age and over.

OCCUPATION OF OVERNIGHT TRAVELLERS

IN REGION AND PROVINCE



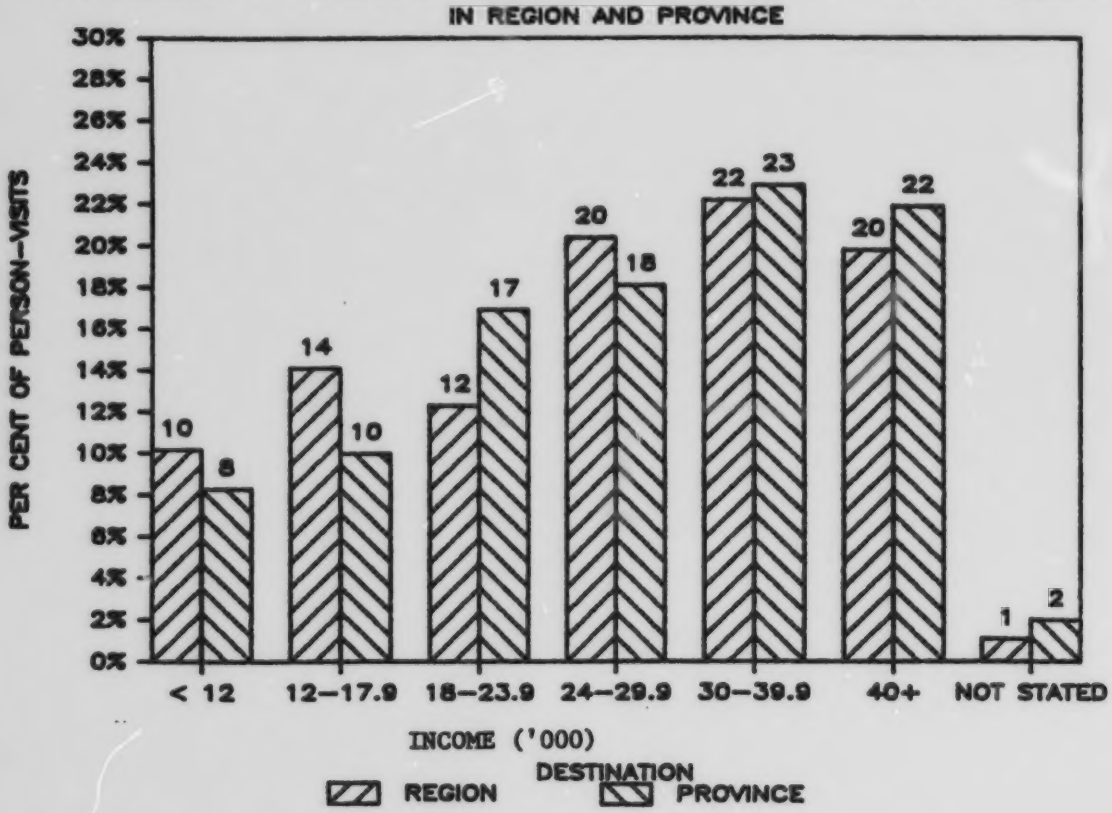
(iii) Occupation (Chief Wage Earner) Of Overnight Travellers

Occupation	Destination: Region %		Destination: Province %	
Professional, Business Executive, Owner/Manager	37.6	64.5	33.4	63.9
Skilled Labour	26.9		30.5	
Sales/Clerical	9.7		13.9	
Unskilled Labour	5.8		4.9	
Farmer	1.8		1.5	
Retired, Pensioned	10.8		8.7	
Student/Unemployed/ Homemaker	6.8		6.3	
Did Not State	0.5		0.6	
Total	100.0		100.0	
Base: Person-Visits ('000)	3,551		30,764	

Almost two-thirds (65 per cent) of visitors to the region come from households where the chief wage earner is a professional/business person or a skilled labourer. This is consistent with the provincial profile. Retired or pensioned households account for one in ten trips to the region.

HHOLD INCOME OF OVERNIGHT TRAVELLERS

IN REGION AND PROVINCE



(iv) Household Income Of Overnight Travellers

Household Income	Destination			
	Region		Province	
	%		%	
Less than $12,000	10.2	24.3	8.3	18.3
$12,000 - $17,999	14.1		10.0	
$18,000 - $23,999	12.3	32.7	16.9	35.0
$24,000 - $29,999	20.4		18.1	
$30,000 - $39,999	22.2	42.0	22.9	44.8
$40,000 and over	19.8		21.9	
Did Not State	1.1		2.0	
Total	100.0		100.0	
Base: Person-Visits ('000)	3,551		30,764	

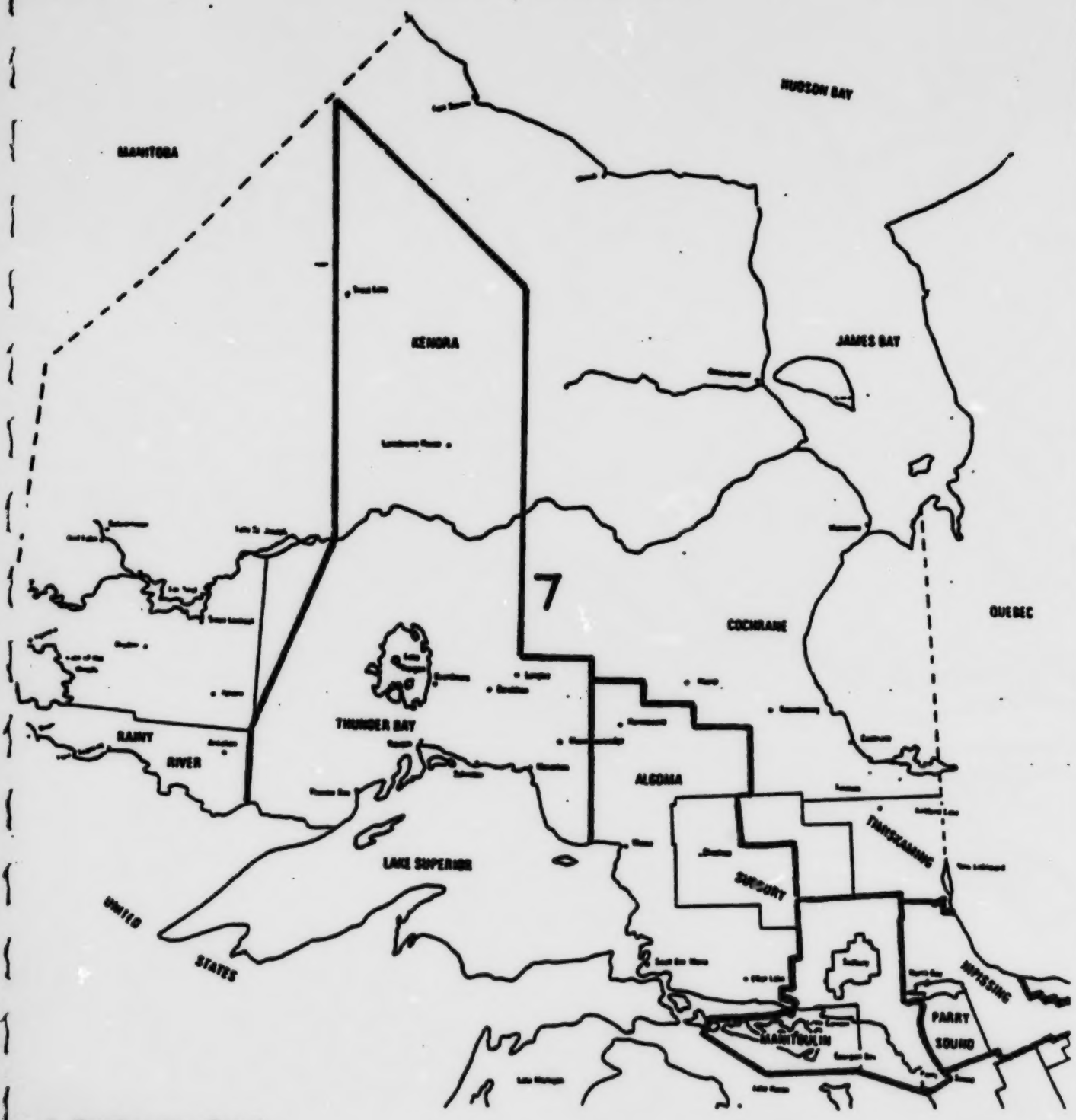
Metro Toronto receives fewer overnight visitors from the mid and upper income groupings and more from the lower income group than does the province in total. Twenty-four percent of visitors to the region are from households earning less than $18,000 compared with 18 percent within the total province. Approximately four in ten visitors to the region and the province are from households earning $40,000 or over.

APPENDIX I

MAPS

ONTARIO MINISTRY OF TOURISM AND RECREATION
TRAVEL ASSOCIATION AREAS

ONTARIO MINISTRY OF TOURISM AND RECREATION
TRAVEL ASSOCIATION AREAS



1. Southwestern Ontario
2. Festival Country
3. Georgian Lakelands
4. Metropolitan Toronto
5. Central Ontario
6. Ontario East
7. Ontario North

APPENDIX II

TABLES

TABLE II-A

Same Day and One or More Night Travel By Destination Region

Destination	Same Day(1)		One or More Nights(2)		Total	
	#	%	#	%	#	%
Festival Country	11,763	22.0	3,795	12.3	15,558	18.5
Metro Toronto	10,487	19.6	3,551	11.6	14,038	16.7
Central Ontario	8,058	15.1	5,737	18.7	13,795	16.4
Georgian Lakelands	4,794	9.0	6,490	21.1	11,284	13.4
Southwestern	7,558	14.1	3,237	10.5	10,795	12.8
Ontario East	6,771	12.7	3,517	11.4	10,288	12.2
Ontario North	3,992	7.5	4,437	14.4	8,429	10.0
TOTAL	53,423	100.0	30,764	100.0	84,187	100.0

(1)Pertains to Person - Trips ('000).

(2)Pertains to Person-Visits ('000).

TABLE II-B

Seasonality of Travel in Ontario By Length of Stay

Season	Same Day (1) %	One or More Nights (2) %
Jan./Feb./Mar.	23.3	18.9
Apr./May/June	22.6	22.7
July/Aug./Sept.	28.0	39.6
Oct./Nov./Dec.	26.1	18.8
TOTAL	100.0	100.0
BASE: ('000)	53,423	30,764

(1) Pertains to Person - Trips to Ontario.

(2) Pertains to Person - Visits to Ontario.

TABLE II-C

Total Expenditure in Ontario, By Origin and Destination Region (Millions of Current $)

	Destination								
	South-Western	Festival Country	Georgian Lakelands	Metro Toronto	Central Ontario	Ontario East	Ontario North	Total	% of Total
Southwestern	306.6	47.6	25.0	48.9	8.8	17.9	13.8	468.6	11.6
Festival Country	41.3	366.3	108.7	80.2	50.2	86.1	46.5	779.3	19.2
Georgian Lakelands	29.4	20.6	99.3	39.0	12.5	14.7	12.8	228.3	5.6
Metro Toronto	53.3	90.3	144.3	544.2	226.4	81.6	68.1	1,208.2	29.8
Central Ontario	13.4	20.0	27.5	73.7	256.9	25.1	20.5	437.1	10.8
Ontario East	11.8	26.8	10.6	55.3	11.6	415.8	22.1	554.0	13.6
Ontario North	3.3	15.8	16.0	40.2	2.8	9.8	292.4	380.3	9.4
TOTAL	459.1	587.4	431.4	881.5	569.2	651.0	476.2	4,055.8	100.0
%	(11.3)	(14.5)	(10.6)	(21.8)	(14.0)	(16.1)	(11.7)	(100.0)	

APPENDIX III

DEFINITIONS

A. MEASUREMENT OF HOUSEHOLD TRAVEL

1. Household-Trip

A trip involving one person or a group of persons from the same household, leaving and returning together. For example, if four persons from one household leave and return together, it counts as one household-trip. If they all belong to different households, it counts as four household-trips.

2. Person-Trip*

A trip taken by one person, either singly or in a group. If four persons go on a trip together, it counts as four person-trips.

3. Person-Night

A night spent by a person on a trip. For example, if two persons take a trip involving three nights away from home, there is a count of six person-nights.

4. Person-Visit*

A person-trip which is counted more than once if there is an overnight stop in more than one area of the province. For example, if two persons stop overnight in one area and then stop overnight in another area, there is a count of four person-visits.

*During the survey, two methods were used to ascertain the destination of each trip. The respondent was asked for his/her main destination (or place furthest from home) on each trip. This approach, although simplest, does not enable an accurate measure of the actual number of people visiting each region. For example, a resident of southwestern Ontario might give Ottawa as his main destination, when, en route, he also stayed overnight in Metro Toronto and Belleville. Thus in order to estimate the number of visitors to each region more accurately, respondents were also asked to name every place where they had stayed overnight.

B. EXPENDITURE TYPES

1. Automobile

Expenditure on gas/oil/maintenance during trip or prior (when part of prepaid package), and also pertains to trucks, campers and other recreational vehicles such as boats, snowmobiles, etc. Included also are rental costs for autos or other motor vehicles.

2. Public Transportation

Expenditure on fares paid to Canadian carriers only, either during trip or prior (when part of prepaid package), for any destination. Includes local transportation expenditure within the local area or any places stopped at during the trip, and pertains to taxis, public transit, etc.

3. Accommodation

Expenditure made in regards to commerical accommodation rooms/units, either during trip or prior (when part of prepaid package).

4. Food/Beverage

Expenditure on food either during trip or prior (when part of prepaid package), and on beverages, and includes food and/or beverage portion of accommodation bills.

5. Recreation/Pleasure

Expenditure made either during trip or prior (when part of prepaid package) on user fees, admissions and rental fees, and pertains to such items as recreational facilities, sporting events, amusement parks, attractions, night clubs, theatres, cultural activities, fish and game licences, rental of boats, snowmobiles, equipment, etc.

6. Retail/Other Miscellaneous

Retail trade purchases during trip on such items as souvenirs, gifts, medical costs, clothing, personal services (i.e. laundry, barber, etc.), art, appliances, furnishings, etc.

APPENDIX IV

TECHNICAL REPORT

A. THE SAMPLE

1. Universe Covered

The universe sampled was all households in Ontario, excluding military bases, Indian reserves, institutions and the most remote northern areas.

2. Sampling The Universe

The sample was drawn in four main quarterly sample replicates, each representing the Ontario population of households. Each quarterly sample was then randomly allocated into three monthly samples.

The primary sampling unit (PSU) was the Enumeration Area (E.A.). The selection of PSU's was carried out separately for urban areas of 10,000 population or more and for rural/small urban areas.

a) Urban Areas--10M Population or Greater

Each of the urban areas in Ontario with population 10M or greater was represented at least once. In total, 50 localities were included. For each locality, EA's were randomly selected proportionate to population from a list of stratified EA populations. The stratification variables were income within geographic area.

The selected EA's were then stratified by city size within six geographic regions of the province and allotted in sequence to each of the four quarterly samples. Each of the quarterly samples were then allocated in the same manner to each of the three months of the quarter.

b) Small Urban and Rural Areas

For rural and small urban areas, 86 areas were selected proportionate to population from a cumulative list of such locations. Within each of the selection locations, an average of 2.8 PSU's were selected based on the geographically stratified EA's within the location. Each of the PSU's was then allocated to a separate quarter of the year.

Within each selected PSU (EA) a block (or route in the case of rural areas) was selected at random. The households were selected at specific intervals on the block. No substitution of these households was permitted. A 9-household cluster size in urban areas and an 8-household cluster size in rural areas was specified.

B. THE TRIP

The main purpose of the study was to determine the number of qualifying trips by households and individuals, and to describe those trips in terms of origin, destination, purpose, activities, mode of transportation, expenditure and accommodation. A qualifying trip was defined as a round trip to a location of at least 25 miles one way from home, for a purpose other than:

- commuting to school or work
- as an operator or crew member of commerical carriers (including trucks)
- for sales calls or deliveries

Within a household all qualifying trips were covered except those by children under 15 when not accompanied by an adult (15+) member of that household.

C. DATA COLLECTION

Prior to production of the final field materials, the household questionnaire, the Trip Diary and the interviewer instructions were subjected to field pre-tests. The final pre-test entailed the installation of 25 diaries and the completion of 24. Field procedures and the questionnaire formats were examined in detail subsequent to completion of the pre-test. Changes indicated by the pre-test were incorporated into the final documents used in the study.

1. Fieldwork

The data were collected by two methods:

1) A personal interview.

2) A diary left with the household for a two month period.

Up to four visits were made to obtain contact and cooperation from the households. At the initial interview information was obtained on basic household and individual characteristics, and recent travel. Instruction was also given on the completion of the diary and eventual collection.

During the two month diary period three interim telephone calls were made to the person responsible for the diary. The first took place as close as possible to the second day of the first recording month, the second at the beginning of the second month, and the third just a day or two prior to scheduled pick-up. The purpose was to motivate continuance in the project and to clarify any aspects of reporting that might have arisen. At the end of the period the diary was personally collected. The completeness of the record was reviewed at this time.

Specific Field Controls

When Trip Diaries were first placed in a household, interviewers described the features that would facilitate completion by the respondent.

Four Example Trips

Narrative descriptions of four "example" trips were presented at the front of the Trip Diary, along with corresponding "completed" diary pages. Respondents were taken through a minimum of one of these examples by the interviewer at the time the diary was placed.

Trip Recording Directions Fold-Out

The Trip Diary was constructed with a fold-out sheet at the back, and respondents were instructed to open the Trip Recording Directions fold-out while completing a Trip Diary page. In the extended position, the respondent would be faced with a Trip Diary page on the left, and recording instructions (along with reference codes for further discussion of an item in the guide) on the right. This

procedure was designed to ensure maximum accessibility to reference information as the trip information was being recorded, and was demonstrated to the respondent by the interviewer at the time of placement.

The Guide

A detailed Guide for completing the Trip Diary, cross-referenced by item number to the Trip Recording Directions fold-out, was included in the Trip Diary binder. These detailed instructions included information on definitions, and provided examples of types of items that should be included in specific categories. Interviewers reviewed the Guide with respondents during the placement interview.

Travel Expense Log

Portable Travel Expense Logs were provided in a binder pocket of the Trip Diary. These booklets were designed as memory aids in which respondents could log expenses as they occurred. Interviewers advised respondents to take the Log along on household trips, especially when such trips were to involve overnight stays. Respondents were also instructed to transfer information entered in the Log to the Trip Diary.

Other procedures in place in the course of the fieldwork to maximize the accuracy of the data included:

- a Diary Review Checklist of items in the Trip Diary to be examined by the interviewer at final retrieval. This checklist included an edit of the Trip Diary for internal consistency, missing information, and legibility; and

- a mail-back envelope for return of the Trip Diary if the respondent was not available for either of two pre-established retrieval interviews.

The person responsible for ensuring the diary was completed was typically the female head of the household. This procedure was intended to maximize response, since in the supplier's experience, greater cooperation is received from female heads of household, both in the acceptance and regular reporting of household diary studies. An incentive was offered. For each of the 12 sample months, diary completers were included in a draw for a cash prize of $300. Of all households eligible to receive a diary 72 per cent were interviewed and 51 per cent both accepted and completed the diary.

2. Analysis Of Response

The figures below show the yield from the first stage household interview and the second stage diary completion for the four quarterly samples and in total.

	SAMPLE				
	Months 1-3	Months 4-6	Months 7-9	Months 10-12	Total 12 Months
Total Households Assigned	2252	2145	2145	2117	8659
Not A Primary Residence	19	10	16	7	52
Household Plans To Move Within Next Two Months	23	33	31	23	110
Total Potential Diary Placements	2210	2102	2098	2087	8497

	No.	%	No.	%	No.	%	No.	%	No.	%
No One At Home	260	12	209	10	294	14	226	11	989	12
Language Problem	66	3	54	3	63	3	66	3	249	3
Refused Screening	210	10	196	9	128	6	199	10	733	9
Respondent Not Available	45	2	38	2	35	2	38	2	156	2
Respondent Refuses	88	4	63	3	55	3	58	3	264	3
Completed Household Interviews	1541	70	1542	73	1523	73	1500	72	6106	72
Agreed To Accept Diary	1262	57	1212	58	1135	54	1136	54	4745	56
Accepted Diary --Not Completed	91	4	140	7	107	5	95	3	433	5
Accepted Diary --Completed	1171	53	1072	51	1028	49	1041	50	4312	51

D. EXPENDITURE DATA

The primary purpose of the expenditure data collected was to estimate the revenue that accrues to Ontario, and to different regions of Ontario, during qualifying trips. The trips recorded were of many different types:

- Trips within Ontario;
- Trips with destinations outside of Ontario;
- Overnight trips or same-day trips;
- Trips with stops in more than one region.

The allocation of expenditure for the different types of trip is described below.

For each household trip, total expenditure within Ontario and outside Ontario was collected in the following categories:

- Automobile;
- Local transportation;
- Air/train/bus/ship --Canadian carrier;
  --Foreign carrier;
- Accommodation;
- Food/Beverage;
- Recreation/Pleasure;
- Retail Sales and Miscellaneous.

For trips paid by prepaid package or tour, the total amount of the package was obtained as well as the specific items included in the package.

In order to correctly allocate expenditure as accruing to Ontario, a number of specific edit rules were applied. These are described briefly in the following pages under two headings:

1. Prepaid Package Expenditure;
2. Non-Prepaid Exenditure:
   a) Ontario Destination Travel;
   b) Non-Ontario Destination Travel.

1. Prepaid Package Expenditure

a) In order to allocate expenditures made on packages to individual items, it was necessary to determine the ratio of these items to each other. Therefore, for all trips <u>without</u>

prepaid expense, average expenditure per trip was calculated for specific categories of expenditure within classifications of trips. The matrix used was of the following type:

Expenditure Category:	Same Day Travel Destination				One Or More Nights Travel Destination			
	Ont.	USA	Other Prov.	Other Country	Ont.	USA	Other Prov.	Other Country
Automobile	X	X	X	X	X	X	X	X
Air, Train, Bus, Ship	X							
--Canadian Carrier	X							
--Foreign Carrier	X							
Accommodation	X							
Food/Beverage	X							
Recreation/ Pleasure	X							

b) For all trips with prepaid package the total number of trips in each of the above cells was determined.

c) Using the average expenditure per trip determined in (a) above a total expenditure value for each category and in total was calculated for all trips with prepaid package.

d) The derived category expenditure distribution obtained in (c) was then applied to the total dollar value given for the various duration/destination categories of trips with prepaid package.

e) Itemized prepaid expenditure derived in (d) above was allocated as follows:

Ontario Destination Travel

-- air/train/bus/ship--Canadian Carrier expenditure was assigned to region of origin.

-- all other expenditure items were assigned to regions of main destination (or further point).

Non-Ontario Destination Travel

- air/train/bus/ship--Canadian Carrier expenditure was assigned to Ontario region of origin.

- all other expenditure items were assigned to either USA, other province or other country, by items.

2. Non-Prepaid Expenditure

a) Ontario Destination Travel

Automobile

Automobile expenditure was assigned on the basis of number of person-nights spent in any of the 12 Ontario destination regions. For same day travel (0 person-nights), the expenditure was assigned to the region of origin.

Local Transportation

- expenditure was assigned to region of main destination (or furthest point).

Air/Train/Bus/Ship

- Canadian carrier expenditure was assigned to region of origin.

Accommodation

- accommodation expenditure was assigned on the basis of number of person-nights spent in any of the 12 Ontario regions.

Food/Beverages

- food and beverage expenditure was assigned on the basis of number of person-nights spent in any of the 12 Ontario regions. For same-day travel (0 person-nights), the expenditure accrues to the region of main destination (or furthest point).

Recreation/Pleasure

- expenditure was assigned on the basis of number of person-nights spent in any of the 12 Ontario regions. Same day travel expenditure accrues to the region of main destination (or furthest point).

Retail/Other Miscellaneous

- expenditure was assigned to region of main destination (or furthest point.

b) **Non-Ontario Destination Travel**

Automobile

- expenditure outside Ontario was assigned to main destination (USA, Other Province, Other Country).
- if expenditure was also in Ontario, it was assigned on the basis of number of person-nights spent in any of the 12 Ontario regions. If no overnight stops made in Ontario, the expenditure accrued to the Ontario region of origin.

Local Transportation

- expenditure assigned to region of main destination (USA, Other Province, Other Country).

Air/Train/Bus/Ship

- if Canadian Carrier indicated, expenditure was assigned to Ontario region of origin.
- if Foreign Carrier indicated, any expenditure made in Ontario or outside Ontario was assigned to USA or Other Country main destination.

Accommodation

- expenditure outside of Ontario was assigned to main destination (USA, Other Province, Other Country).
- if expenditure also in Ontario, it was assigned on basis of number of person-nights spent in any of the 12 Ontario regions.

Food/Beverage

- expenditure outside Ontario was assigned to main destination (USA, Other Province, Other Country).
- if expenditure was also in Ontario, it was assigned on basis of number of person-nights spent in any of the 12 Ontario regions. If no overnight stops made in Ontario, it was assigned to a separate destination category "Ontario Unspecified.

Recreation/Pleasure

- expenditure outside Ontario was assigned to main destination (USA, Other Province, Other Country).
- if expenditure was also in Ontario, it was assigned on basis of number of person-nights spent in any of the 12 Ontario regions. If no overnight stops made in Ontario, it was assigned to a separate destination category "Ontario Unspecified".

Retail/Other Miscellaneous

- expenditure outside Ontario was assigned to main destination (USA, Other Province, Other Country).
- if expenditure was also in Ontario, it was assigned to a separate destination category "Ontario Unspecified".

Total amount accruing to "Ontario Unspecified" category was allocated to Travel Association Areas 1, 2, 6, 7, 9, 10, 11, 12, according to these rules:

- determined total same day expenditure (excluding pre-paid package expenditure) for each of Food/Beverage, Recreation/Pleasure, and Retail/Miscellaneous items, and on Ontario destination trips only, for each of the above given travel areas.
- determined percentage split of each expenditure item separately, amongst the given travel areas.
- allocated expenditures indicated for Food/Beverage, Recreation/Pleasure and Retail/Other Miscellaneous, according to percentage split amongst given travel areas.

E. WEIGHTING AND ESTIMATING PROCEDURES

1. The General Model

The objective is to provide trip and expenditure estimates for a defined period such as 1982 or a quarter in 1982. The simplest conceptual method is to calculate the average number of trips per household per month, multiply by the number of households in Ontario, and multiply by the months in the time period being estimated, i.e.:

Average H/H Trips/Month	x	Ont. H/H Population	x 12	=	Estimate of 1982 trips.

As

Average Trips/Month	=	Total Trips/Mo. Sample of H/H's	and	Ontario Pop. Sample H/H	=	Population Projection Factor,

the estimation procedure becomes:

Total Trips/H/H x Population Projection x 12 = 1982 Trips.

2. Special Factors

There are some special factors specific to the Ontario Travel Study that have to be taken into account when applying the estimating model.

i) Data were collected during 1982 with 12 monthly samples. The January to November samples reported for a two-month period and the December sample for December only. This means that there are data for each of the calendar months from two-monthly samples, except for January. To balance the data by month, the January data from the January sample were duplicated to create a "phantom" set of data for January, as if there had been a December 1981 sample reporting for the second month (January, 1982).

ii) After the creation of the phantom January sample, we had 24 separate months of data and 13 separate samples of households (12 monthly samples + phantom). To obtain a correct estimate of average trips per household per month requires equal numbers of monthly trip data and samples. Thus, as the data stand they would over-estimate trips by a factor of 24 ÷ 13.

To correct for this, the estimation model becomes for a year:

$$\text{Trips} \times \text{H/H Projection Factor} \times 12 \times \frac{13}{24}$$

$$= \text{Trips} \times \text{H/H Projection Factor} \times 6.5.$$

For estimates of other time periods, such as a quarter, the time period correction factor will change. This is illustrated below for a quarter.

For a typical quarter, the samples and data months will be as follows:

	Monthly Samples			
	M_0	M_1	M_2	M_3
First Data Month		X	X	X
Second Data Month	X	X	X	

For a quarter of months M_1, M_2 and M_3 we have 4 monthly samples and 6 sets of monthly data. This means that trips will be over-estimated by a factor of $6 \div 4$. Therefore, the estimation model becomes:

$$\text{Trips} \times \text{H/H Projection Factor} \times 3 \text{ (months)} \times \frac{4}{6}$$

$$= \text{Trips} \times \text{H/H Projection Factor} \times 2.$$

The data for the estimating model are obtained after a number of weighting procedures designed to equalize the samples by month and reflect the known demographics of Ontario are applied. Each stage is described below.

3. Best Estimates Of Aggregate Trips

1. Equalizing Monthly Sample Sizes

The estimating model requires that each of the monthly samples is of equal size. Therefore, the first stage of sample adjustment was to equalize all monthly samples. This was done by standardizing across the year to a figure of 350 households per month.

For each interviewing month, a correction factor was calculated to bring the actual monthly sample size to a weighted sample size of 350. The actual sample sizes and adjustment factors are as follows:

Month	Sample	Weight	Month	Sample	Weight
Jan.	444	0.7883	July	355	0.9859
Feb.	382	0.9162	Aug.	322	1.0870
Mar.	345	1.0145	Sept.	351	0.9972
Apr.	381	0.9186	Oct.	350	1.0000
May	341	1.0264	Nov.	347	1.0086
June	350	1.0000	Dec.	344	1.0174

2. Correlating For Regional Imbalance

The initial sample was drawn proportionate to population with geographic regions of the province as a stratification in the EA file. The proportion of the sample in each region was influenced by two factors:

a) Differential response rates.

b) The sample was drawn on the basis of 1976 Census data but for estimating purposes, the 1981 Census data had become available.

The weights for regional correction are:

Region	Weight
Southwestern	0.78
Festival Country	1.05
Georgian Lakelands	0.79
Metro Toronto	1.42
Central Ontario	0.97
Ontario East	0.77
Ontario North	0.88

3. Adjustment For Household Composition

A special analysis was obtained from the 1981 Census showing, in total, and for each region, the household composition in terms of number of adults (15+) and number of children (under

15). The variation between regions was found to be small and, therefore, the sample data were adjusted by ratio weighting to a matrix of 9 cells as shown below, based on the total province. Weights are as follows:

	Number of Children			
Number of Adults:	0	1	2	3+
1	2.14	1.40		
2	1.01	0.84	0.78	0.83
3+	0.77	0.85	0.84	

4. **Projection To Population**

The target population is all households in Ontario. As the study was conducted throughout 1982, we have used our estimate of total households as of June 1982. This estimate was calculated using the 1981 Census data and other Statistics Canada information. We calculate that the number of households increased by 1.39 per cent between June 1981 and June 1982, giving an estimated household population of 3,010,000.

The expansion factor for the annual data is 0.66154.

F. SAMPLING ERROR

The accuracy of estimates derived from surveys is influenced by two main factors:

a) Sampling errors;

b) Methodological factors such as bias, missed reporting, non-response, etc.

If the second type are assumed to be small, the confidence levels for particular parameters in a survey can be calculated mathematically. One specific check on response bias was possible. At the recruitment interview, people were asked for overnight trips by people in the household taken in the previous month. Thus, their data could be examined for people who completed the diary and those that did not. The difference was small, with non-diary completers having slightly lower estimates.

1. Variance Formula

To estimate the sampling errors in the Ontario Travel Study, a variance formula has been derived. It takes into consideration the twelve independent monthly subsamples and the two-month reporting period employed in the survey design.

The variance formula is shown using the following notations:

Let the monthly subsamples be denoted by i = 0, 1, 2, ... 12, where i = 0 represents the phantom December sample.

Also let

Xi = total trips reported in the first reporting month for the i-th subsample after applying the first two stages of weighting*;

Yi = similar definition as above for the second reporting month;

VXi = variance of the trip figures in the household population for the first reporting month for the i-th sample;

VYi = similar definition as VXi for the second reporting month;

Ni = weighted sample size for the i-th subsample;

Ci = covariance of the reported values between the two months for the i-th subsample.

* Refer to section Estimation Procedure.

The annual estimate of total number of trips (T) is

$$T = \frac{3010}{4550} \times \frac{13}{24} \times 12 \times \left[\sum_{1}^{12} Xi + \sum_{0}^{11} Yi \right]$$

$$= 4.3 \times \left[\sum_{1}^{12} Xi + \sum_{0}^{11} Yi \right]$$

The sampling variance of T is

$$V(T) = (4.3)^2 \times \left[\sum_{1}^{12} VXiNi + \sum_{0}^{11} VYiNi + 2 \sum_{1}^{11} CiNi \right]$$

Estimates for quarterly totals can be computed by inserting the appropriate indices representing the subsamples for a specific quarter into the three summation signs. For example, estimate for the first quarter total (Ti) is

$$Ti = 4.3 \times \left[\sum_{1}^{3} Xi + \sum_{0}^{2} Yi \right]$$

The corresponding sampling variance is

$$V(Ti) = (4.3)^2 \times \left[\sum_{1}^{3} VXiNi + \sum_{0}^{2} VYiNi + 2 \sum_{1}^{2} CiNi \right]$$

2. Sampling Tolerances

Sampling errors for annual estimates and estimates of a typical quarter have been computed and are shown below. The formula used was:

$$\% \text{ confidence interval} = \pm \frac{2\sqrt{V(T)}}{T} \times 100\%$$

This provides a 95% confidence level, i.e., there is a 95% chance that the true figure will not fall outside the estimated value ± the

confidence level.

The tables can be used to approximate percentage errors for items not shown. For example, 9.67% of the annual total household trips were made to Non-Ontarian destinations. Although not computed its confidence interval can be approximated by dividing the percentage error of the overall total household trips by the square root of 0.0967. Example:

Confidence interval of total household trips = 4.1%

For Non-Ontario trips $4.1 \div \sqrt{0.0967} = 13.2\%$

CONFIDENCE INTERVALS: 95% CONFIDENCE LEVEL

	Household Trips		Person Trips	
	Annual	Quarter	Annual	Quarter
	±%	±%	±%	±%
ALL TRIPS	4.1	8.1	4.4	8.8
ONTARIO DESTINATIONS	4.4	8.9	4.2	9.6
Region:				
Southwestern	11.6	22.5	13.1	24.4
Festival Country	9.3	19.1	10.0	21.6
Georgian Lakelands	10.3	22.9	11.3	25.0
Metro Toronto	9.7	21.4	10.3	20.1
Central Ontario	10.2	23.1	10.7	24.3
Ontario East	13.4	26.2	14.2	28.4
Ontario North	14.1	34.9	13.4	35.4
Trips:				
50+ Miles	4.7	9.9	5.0	10.9
100+ Miles	5.8	13.7	6.3	13.8

APPENDIX V

HOUSEHOLD QUESTIONNAIRE

TRIP DIARY

HOUSEHOLD QUESTIONNAIRE

LOCATION NUMBER: |_|_|_|_|_| HOUSEHOLD NUMBER: |_|_|

(ALL RESPONDENTS)

1. Have you been a resident here for more than four weeks?

YES 22-1

NO ..... 2 USE SPECIAL INSTRUCTIONS FOR QUESTION 3-a) AND 4-a)

2. Including yourself, how many people live in this household aged 15 years or more?

TOTAL HOUSEHOLD MEMBERS 15 YEARS OR MORE: |_|_| 23-24-

3-a) Have there been any trips taken by members of your household 15 and over which involved any overnight stays during the last month--that is, since this date last _____ (SPECIFY MONTH)?

-b) (IF YES) How many such trips have there been? A person travelling alone counts as one trip. If two or more household members travel together, this also counts as one trip.

NUMBER OF TRIPS: |_|_| 25-26-

(IF NO, RECORD "00" ABOVE AND GO TO QUESTION 5)

(ALL OVERNIGHT TRIP TAKERS)
I would now like to get some further information about these trips.

Beginning with the most recent trip ...

4-a) (HAND CARD) What was the distance from your home to the furthest destination? (RECORD BELOW)

-b) Was the main purpose of this trip, work or was it some other reason? (RECORD BELOW)

-c) (IF MAIN PURPOSE WORK) Was this trip part of a sales call or while working as a crew? (RECORD BELOW)

-d) Including yourself, how many persons 15 years and older, now living in this household, went along on that trip? (RECORD NUMBER BELOW)

(REPEAT QUESTIONS 4-a) TO -d) FOR UP TO 3 MOST RECENT TRIPS.)

"And for the overnight trip before that ...?"

		OVERNIGHT TRIPS		
		MOST RECENT	SECOND MOST RECENT	THIRD MOST RECENT
-a)	DISTANCE TO FURTHEST DESTINATION:			
	Less Than 25 Mi./40 km	27-1	32-1	37-1
	25 To 49 Mi./40 To 79 km	2	2	2
	50 To 99 Mi./80 To 159 km	3	3	3
	100 Mi./160 km And Over	4	4	4
-b)	MAIN PURPOSE OF TRIP:			
	Work ..... (GO TO -c)	28-1	33-1	38-1
	Other .... (GO TO -d)	2	2	2
-c)	TYPE OF WORK TRIP:			
	Yes--Sales/Crew	29-1	34-1	39-1
	No--Other	2	2	2
-d)	H/H MEMBERS 15 YRS. OR MORE IN PARTY:	30-31- |_|_|	35-36- |_|_|	40-41- |_|_|

ALL RESPONDENTS

5. To obtain an accurate measure of the trips that people living in Ontario make within and outside the province, we are asking households to keep a diary that we provide. In it you will record information on any longer trips that you or other people in this household may make. I will call back in two months' time to collect the diary and deal with any problems. Of course, we realize that some households may not take any trips during this time while others may take several trips. The information you provide will be very useful in planning good travel facilities for the people of Ontario.

(EXPLAIN LUCKY DRAW) As a small token of our appreciation for the important contribution people in Ontario will make to this project, we plan to run a lucky draw. Everyone who keeps a trip diary, whether any trips were taken or not, will have a chance to win a cash prize of $300.00.

The odds for this cash prize are excellent as only about 300 people will be entered in the draw. About three weeks after pick-up of the diary, the winner will be notified by telephone and asked to complete a simple skill testing question.

(ANSWER ANY QUERIES AS OUTLINED IN THE MANUAL.)

RESPONDENT AGREES TO ACCEPT DIARY ..... 42- [1 GO TO DIARY INSTRUCTIONS]

RESPONDENT WILL NOT AGREE ..... [2 SEE NEXT PAGE]

IF WILL NOT ACCEPT DIARY:

I am sorry that you are unable to complete the diary. We would like to know when we do our analyses whether the people who do accept the diary are typical of all the different households in Ontario. I hope you will answer a few more questions so that we can do that.

6-a) Are there any children under 15 years of age living at home?

YES 43-1

NO ..... [2 GO TO Q. 7]

-b) How many are under 6 years of age? (RECORD BELOW)

-c) How many are 6 to 14 years of age? (RECORD BELOW)

	-b) UNDER 6 YEARS	-c) 6 TO 14 YEARS
ONE	44-1	46-1
TWO	2	2
THREE	3	3
FOUR	4	4
FIVE	5	5
SIX	6	6
SEVEN	7	7
EIGHT	8	8
NINE	9	9
TEN	0	0
NONE	45-0	47-0

7-a) Are any household members 15 to 17 years?

YES ..... ☐

NO ..... [☐ GO TO Q. 7-b)]

How many are males? (CIRCLE NO.) 48-0 1 2 3 4 5 6 7 8

How many are females? (CIRCLE NO.) 49-0 1 2 3 4 5 6 7 8

-b) Are any 18 to 34 years?

YES ..... ☐

NO ..... [☐ GO TO Q. 7-c)]

How many are males? (CIRCLE NO.) 50-0 1 2 3 4 5 6 7 8

How many are females? (CIRCLE NO.) 51-0 1 2 3 4 5 6 7 8

-c) Are any 35 to 54 years of age?

YES ..... ☐

NO ..... [☐ GO TO Q. 7-d)]

How many are males? (CIRCLE NO.) 52-0 1 2 3 4 5 6 7 8

How many are females? (CIRCLE NO.) 53-0 1 2 3 4 5 6 7 8

-d) Are any 55 years of age or more?

YES ..... ☐

NO ..... [☐ GO TO Q. 8]

How many are males? (CIRCLE NO.) 54-0 1 2 3 4 5 6 7 8

How many are females? (CIRCLE NO.) 55-0 1 2 3 4 5 6 7 8

8. What is the occupation of the chief wage-earner in the household?

OCCUPATION: _____

INDUSTRY: _____ 57/58

Retired/Pensioned	09
Student	10
Unemployed	11
Homemaker Only	08

9. Thinking about the year 1981, into which of these letter groups does the total household income fall, that is, the income or earnings before taxes from all sources, of all household members living here added together?

LESS THAN $12,000	A	59-1
$12,000 - $17,999	B	-2
$18,000 - $23,999	C	-3
$24,000 - $29,999	D	-4
$30,000 - $39,999	E	-5
$40,000 AND OVER	F	-6

IF REFUSED OR DON'T KNOW, GIVE BEST ESTIMATE AND CIRCLE CODE

$ _____ (PER YEAR)
TOTAL FAMILY INCOME

..... 60-1

61/74

END INTERVIEW, THANK RESPONDENT AND RECORD NAME, ADDRESS, TELEPHONE NUMBER OF RESPONDENT ON LAST PAGE.

DIARY ACCEPTERS

TAKE PERSON THROUGH DIARY AS PER MANUAL INSTRUCTIONS.

10. In order to classify our data, I would like to obtain for each person living in this household who is 15 years and over, some background information. To do this, would you please tell me the usual first name of each individual, starting with yourself and then moving from the oldest in the household to the youngest. (RECORD NAMES IN ROW -a) BELOW)

Now, these first questions will concern yourself.
(RECORD SEX OF RESPONDENT, THEN BEGIN BY ASKING AGE UNDER PERSON LETTER "A")

(IF MORE THAN ONE PERSON IN HOUSEHOLD)

And now, considering _____ (READ FIRST NAME UNDER PERSON LETTER "B") (AGAIN RECORD SEX AND BEGIN BY ASKING AGE)

(REPEAT -b) TO -e) FOR EACH PERSON LISTED)

E-2

		RESPONDENT	OTHER H/H MEMBERS 15 YRS. AND OVER — OLDEST TO YOUNGEST					
-a)	USUAL FIRST NAME (SPECIFY)							
	PERSON NUMBER	9-A	15-B	21-C	27-D	33-E	39-F	45-G	51-H
-b)	SEX: MALE	10-1	16-1	22-1	28-1	34-1	40-1	46-1	52-1
	FEMALE ...	-2	-2	-2	-2	-2	-2	-2	-2
-c)	AGE: RECORD YEARS	11/12	17/18	23/24	29/30	35/36	41/42	47/48	53/54
-d)	EMPLOYMENT STATUS:								
	(READ LIST IF NECESSARY)								
	WORK FULL-TIME (30+ Hrs./Wk.)	13-1	19-1	25-1	31-1	37-1	43-1	49-1	55-1
	WORK PART-TIME (Less Than 30 Hrs.)	-2	-2	-2	-2	-2	-2	-2	-2
	NOT EMPLOYED ☐								
	Retired, Pensioned	-3	-3	-3	-3	-3	-3	-3	-3
	Student	-4	-4	-4	-4	-4	-4	-4	-4
	Unemployed	-5	-5	-5	-5	-5	-5	-5	-5
	Homemaker Only	-6	-6	-6	-6	-6	-6	-6	-6
-e)	EDUCATION: (Highest Level)								
	Public/Elementary	14-1	20-1	26-1	32-1	38-1	44-1	50-1	56-1
	Secondary/High	-2	-2	-2	-2	-2	-2	-2	-2
	Post-Secondary (Non-University)	-3	-3	-3	-3	-3	-3	-3	-3
	University	-4	-4	-4	-4	-4	-4	-4	-4

11. What is the occupation of the chief wage-earner?

OCCUPATION: _____

INDUSTRY: _____ 57/58

Retired, Pensioned 09
Student 10
Unemployed 11
Homemaker Only 08

12. Thinking about the year 1981, into which of these letter groups does the total household income fall, that is, the income or earnings before taxes from all sources, of all household members living here added together?

LESS THAN $12,000	A	59-1
$12,000 - $17,999	B	-2
$18,000 - $23,999	C	-3
$24,000 - $29,999	D	-4
$30,000 - $39,999	E	-5
$40,000 AND OVER	F	-6

IF REFUSED OR DON'T KNOW, GIVE BEST ESTIMATE AND CIRCLE CODE

$ _____ (PER YEAR)
TOTAL FAMILY INCOME

..... 60-1

13-a) Are there any children under 15 years of age in the household?

YES 61-1
NO 2

(IF YES)

-b) How many are under 6 years of age? |_|_| 62- 63-

-c) How many are 6 to 14 years of age? |_|_| 64- 65-

66/74

NAME: _____

ADDRESS: _____

_____ _____

TELEPHONE NO. _____

TRIP DIARY

YOUR TRIP DIARY

This diary is for recording trips taken by any member of your household who is 15 years or older.

For this survey, a trip means anytime you or any member of your household travels to a place at least 25 mi/40 km (one way) from your permanent residence.

The following types of trips should not be included in this study even if they meet the minimum distance requirement.

- **commuting to school or work**
- **travelling as an operator or crew member**
- **sales calls or deliveries**
- **moving to a new residence**

Include in your household diary all trips that end during

_____ and _____, 1982

Include trips of this distance that involve overnight stays as well as those that do not. Make sure that you include trips of this distance to places such as a cottage, farm, chalet. Also, don't forget to include trips outside of the province as well as those within.

For the purpose of recording which household members, 15 years and over, went on a trip, please use the diary code indicated below.

DIARY CODE FOR HOUSEHOLD MEMBERS 15 YEARS AND OVER

	Usual First Name of Household Member 15+	Diary Code-Person Letter
Diary Keeper	_____	A
Other H/H Members 15+		
Oldest	_____	B
	_____	C
	_____	D
	_____	E
	_____	F
	_____	G
Youngest	_____	H

For Office Use Only:

Location (1–5) H/H (6–7) 8-3

1 TRIP NO. (9) ____ DAY OF WEEK TRIP STARTED (11) S M T W T F S: 1 2 3 4 5 6 7 DATE TRIP STARTED DAY (12) (14) MONTH DATE TRIP FINISHED DAY (16) (18) MONTH

2 MAIN DESTINATION
IF MORE THAN ONE ENTER THE ONE FURTHEST FROM HOME
(NEAREST) CITY/TOWN _____ PROVINCE / U.S. STATE _____
COUNTRY _____
(20) ____ (25) ____

3 DISTANCE FROM YOUR HOME TO ABOVE DESTINATION (CIRCLE CODE)
(26)
1 25-49mi./40-79 km.
2 50-99mi./80-159 km.
3 100-199mi./160-320 km.
4 200-499 mi./321-804 km.
5 500-999 mi./805-1609 km.
6 1000 mi./1609 km. and over

4 HOUSEHOLD MEMBERS ON TRIP
Persons 15 Years And Over(Which Ones?) (29) (30) (31) (32) (33) (34) (35) (36) A B C D E F G H
Persons Under 15 Years (How many?) (37) ____ IF NONE WRITE '0'

5 TRIP PURPOSE

	Visiting Friends Or Relatives	Convention	Other Business	Shopping	Personal Business	Recreation/ Pleasure
Main Purpose (CIRCLE ONE ONLY)	(38) 1	2	3	4	5	6
Other Purpose(s) (CIRCLE AS MANY AS APPLY) IF NO 'OTHER PURPOSE' CHECK BOX ☐	(39) 1	(40) 1	(41) 1	(42) 1	(43) 1	(44) 1

6 ACTIVITIES ENGAGED IN BY HOUSEHOLD MEMBERS ON TRIP IN OR AROUND AREA OF MAIN DESTINATION

CIRCLE AS MANY AS APPLY	Participated In Outdoor Or Sporting Activity	ATTENDED: Sporting Events	ATTENDED: Live Theatre Dance or Music Concert	Went Shopping	VISITED: Museums, Galleries	VISITED: Historical Sites	VISITED: Exhibitions, Fairs, Special Events	VISITED: Attractions, Zoos, Amusement Parks	Went On Boat Or Rail Tours	Other Activities
	(45) 1	(46) 1	(47) 1	(48) 1	(49) 1	(50) 1	(51) 1	(52) 1	(53) 1	(54) 1

7 TRANSPORTATION

	Automobile Truck/Van Etc.	AIR: Regularly Scheduled	AIR: Chartered	BUS: Regularly Scheduled	BUS: Chartered	Train	Ship Or Boat	Other
Main USED TO TRAVEL THE GREATEST DISTANCE (CIRCLE ONE ONLY)	(55) 1	2	3	4	5	6	7	8
Other EXCLUDE LOCAL TRANSPORTATION (CIRCLE AS MANY AS APPLY) IF NO 'OTHER' METHOD CHECK BOX ☐	(56) 1	(57) 1	(58) 1	(59) 1	(60) 1	(61) 1	(62) 1	(63) 1

8 NIGHTS SPENT AWAY (8-4)
NUMBER OF NIGHTS SPENT OUTSIDE OF ONTARIO (9) ____ IF NONE WRITE '00'
NUMBER OF NIGHTS SPENT IN ONTARIO (11) ____ IF NONE WRITE '00' and SKIP TO SECTION 9 'TRIP EXPENSES' (8-5)

FOR EACH PLACE STAYED IN ONTARIO

a) WRITE (NEAREST) CITY/TOWN b) CHECK TYPE(S) OF ACCOMMODATION USED THERE c) WRITE NUMBER OF NIGHTS STAYED THERE	1st CITY/TOWN (13) TYPE(S) USED	1st CITY/TOWN NUMBER OF NIGHTS 18/33	2nd CITY/TOWN (34) TYPE(S) USED	2nd CITY/TOWN NUMBER OF NIGHTS 39/54	3rd CITY/TOWN (55) TYPE(S) USED	3rd CITY/TOWN NUMBER OF NIGHTS 60/75	4th CITY/TOWN (9) TYPE(S) USED	4th CITY/TOWN NUMBER OF NIGHTS 14/29	5th CITY/TOWN (30) TYPE(S) USED	5th CITY/TOWN NUMBER OF NIGHTS 35/50
Hotel/Motor Hotel	☐	____	☐	____	☐	____	☐	____	☐	____
Motel	☐	____	☐	____	☐	____	☐	____	☐	____
Resort Lodge	☐	____	☐	____	☐	____	☐	____	☐	____
Commercial Cottage/Cabin	☐	____	☐	____	☐	____	☐	____	☐	____
Camping/Trailer Park	☐	____	☐	____	☐	____	☐	____	☐	____
Outfitter/Outpost	☐	____	☐	____	☐	____	☐	____	☐	____
Private Cottage (For Own Use)	☐	____	☐	____	☐	____	☐	____	☐	____
Stay With Friends/Relatives	☐	____	☐	____	☐	____	☐	____	☐	____

9 TRIP EXPENSES FOR ALL HOUSEHOLD MEMBERS (CASH OR CREDIT CARD/RECORD IN CANADIAN DOLLARS)

A PREPAID PACKAGE OR TOUR
MUST INCLUDE TWO OR MORE OF THESE SIX ITEMS PREPAID TOGETHER AS A PACKAGE
IF NO PREPAID PACKAGE OR TOUR CHECK BOX ☐ AND GO TO 9B

CIRCLE TYPES OF EXPENSE ITEMS INCLUDED IN PREPAID PACKAGE OR TOUR

TRANSPORTATION: CANADIAN CARRIER	TRANSPORTATION: FOREIGN CARRIER	TRANSPORTATION: AUTO RENTAL	ACCOMMODATION	FOOD	ENTERTAINMENT
(51) 1	(52) 1	(53) 1	(54) 1	(55) 1	(56) 1

TOTAL AMOUNT SPENT FOR PACKAGE OR TOUR (57) $ ____ 00

B EXPENSES WHILE ON TRIP (8-6)
EXCLUDE PREPAID PACKAGE OR TOUR

	AMOUNT SPENT IN ONTARIO (IF NO MONEY SPENT CHECK BOX ☐)	AMOUNT SPENT OUTSIDE ONTARIO (IF NO MONEY SPENT CHECK BOX ☐)
Automobile (Includes Rental)	(9) $ ____ 00	(41) $ ____ 00
Local Transportation (Taxi, Public Transit, Etc.)	(13) $ ____ 00	(45) $ ____ 00
Air, Train, Bus, Ship		
Canadian Carrier	(17) $ ____ 00	(49) $ ____ 00
Foreign Carrier	(21) $ ____ 00	(53) $ ____ 00
Accommodation	(25) $ ____ 00	(57) $ ____ 00
Food/Beverage	(29) $ ____ 00	(61) $ ____ 00
Recreation/Pleasure	(33) $ ____ 00	(65) $ ____ 00
Retail/Other Miscellaneous	(37) $ ____ 00	(69) $ ____ 00
Total	$ ____ 00	$ ____ 00

(73) 1 2 3 4 5
(74)
(75)